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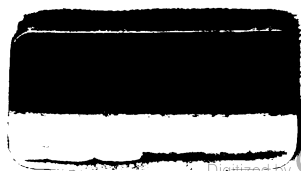
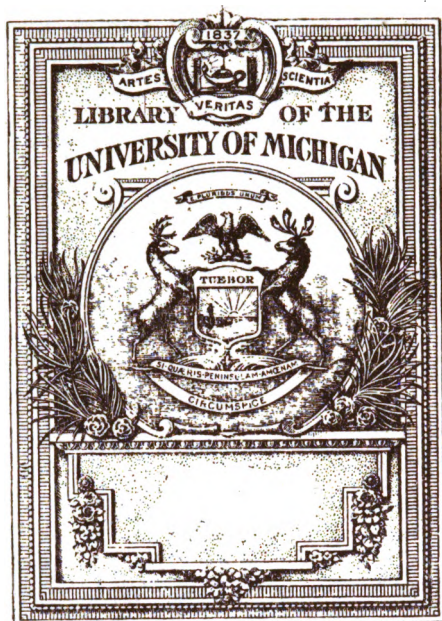
MEMOIRS
OF THE
GEOLOGICAL SURVEY OF GREAT BRITAIN
AND OF THE
MUSEUM OF PRACTICAL GEOLOGY.

MINERAL STATISTICS
OF THE
UNITED KINGDOM OF GREAT BRITAIN
AND IRELAND,
FOR THE YEAR 1861.

BY
ROBERT HUNT, F.R.S.,
KEEPER OF MINING RECORDS.

PUBLISHED BY ORDER OF THE LORDS COMMISSIONERS OF
HER MAJESTY'S TREASURY.

LONDON:
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LONGMAN, GREEN, LONGMAN, & ROBERTS;
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1862.



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MUSEUM OF PRACTICAL GEOLOGY.

MINERAL STATISTICS

*The Appendix, containing a List of the Metalliferous
Mines and of the Collieries of the United Kingdom, is
printed as a separate Publication.*

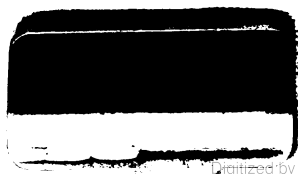
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[Price Two Shillings.]



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[Price Two Shillings.]

NOTICE.

THE collection of the Mineral Statistics of the United Kingdom for 1861 has been facilitated by the personal intercourse of the Keeper of Mining Records with the Proprietors and Managers of Mines, Collieries, and Smelting Works, who have sent illustrations of our Mineral and Metallurgical products to the International Exhibition.

Availing himself of this opportunity, Mr. Robert Hunt has been enabled to perfect some of his arrangements, and to test his estimates of produce, thus securing yet greater accuracy in his returns.

I am pleased to find that the volume of Mineral Statistics is, notwithstanding serious interruptions, ready for publication at the usual time.

RODERICK I. MURCHISON,
Director-General.

LONDON,
MUSEUM OF PRACTICAL GEOLOGY,
July 15, 1862.

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INTRODUCTION.

A considerable portion of the returns of the Mineral Produce for 1861 had been collected, and a large section of this publication was in type in the month of July. It was therefore hoped that these Statistics would have been issued much earlier than the actual date of publication. Several very important returns could not, however, be obtained until the end of September, and some corrections were not returned before October.

The value of the Mineral Statistics is greatly increased by their being placed in the hands of the Public as early as possible in each year. It is, therefore, earnestly hoped that those on whose liberality we depend for the correctness of these Mineral Returns, will, obligingly, in future, communicate with the Mining Record Office, with as little delay as possible, after the commencement of the year.

The following Summary will show the position maintained by the Mineral Industries of the United Kingdom during the year 1861:—

GOLD.—It is worthy of especial note, that in 1861 we have an actual return of Gold from a British Mine. This is obtained from one of the Quartz lodes in the neighbourhood of Dolgelly, Merionethshire. The quantity actually obtained during the year (see page 52) being 2,784 standard ounces, of the value of 10,816*l.* 17*s.* The natural consequence of this has been the formation of several Companies to work other lodes of a similar character in North Wales, the progress of which will be watched with much interest.

TIN.—The quantity of Tin Ore (*Black Tin*) produced during the year 1861 was larger than that obtained in the previous year, 1860, in which it will be remembered there was a diminution:

	Black Tin.		Metallic Tin.
	Tons.		Tons.
In 1860 there was produced	10,462	giving	6,695
In 1861 - - -	11,640	- - -	7,450

So that we had an increase of 755 tons of Metallic or White Tin. At the same time, as there was a larger quantity of Tin smelted in this country, there was a considerable falling off in the demand of this metal from America; the export of Tin Plate to the United States in 1860 being of the value of 1,018,536*l.*, whereas in 1861 our exports to those States were only to the amount of 417,360*l.* This led to a reduction in price: English Block Tin in 1861 being 122*l.* 5*s.* the ton against 136*l.* 3*s.* in 1860. At this lower

price large sales have been effected, and the result has been as follows :

	British Tin.	Foreign and Colonial Tin.	Total.
	Tons. cwts.	Tons. cwts.	Tons. cwts.
1861 - -	2,827 0	958 13	3,785 13
1860 - -	2,740 11	508 3	3,248 14

We have therefore exported of British Tin 86 tons 9 cwts. and of Foreign and Colonial Tin 450 tons 10 cwts. more than in 1860.

The Returns made to the STANNARY COURT for the two years ending the 29th September 1861 were as follows :

	Black Tin.	Metallic Tin.	Value.
	Tons.	Tons.	£
1860 - -	10,400 -	6,656 -	866,306
1861 - -	10,963 -	7,016 -	857,706

COPPER.—The production of Copper from the mines of the United Kingdom has been—

	Ore.	Fine Copper.
	Tons.	Tons.
In 1860 - -	236,696	15,968
In 1861 - -	231,487	15,331
Decrease - -	5,209	637

The money value of the ore and the metallic copper having been—

	Value of Ore.	Value of Copper.
	£	£
In 1860 - -	1,507,133	1,706,261
In 1861 - -	1,364,727	1,572,480
Decrease - -	142,406	133,781

Adding to this the Metallic Copper smelted from Foreign and Colonial Ores, we have as the estimated value of our total produce—

	£
In 1860 - -	3,146,398
In 1861 - -	3,170,955
Increase - -	24,557

It will be seen upon referring to the export returns of British Copper (page 27) that there was a slight falling off in 1861.

LEAD.—The produce of the Lead mines of these islands within the year has increased. The production was as follows compared with the previous year—

	Lead Ore.	Lead.
	Tons.	Tons.
1860 - -	89,081	63,525
1861 - -	90,696	65,643
Increase - -	1,615	2,118

The value of these being in each year respectively—

				Lead Ore.					Lead.
				£					£
1860	-	-	-	1,236,749	-	-	-	-	1,417,415
1861	-	-	-	1,136,249	-	-	-	-	1,445,255
Decrease				100,500	Increase				27,840

The exports of Lead were—

								Tons.
1860	-	-	-	-	-	-	-	23,797
1861	-	-	-	-	-	-	-	19,267
Decrease				-	-	-	-	4,530

SILVER.—The Silver obtained from the Lead raised from British mines amounted to 569,530 ounces, having a value of 144,161*l.* 17*s.*, in 1861, against 549,720 ounces, having a value of 151,173*l.*, in 1860.

ZINC.—Owing to the low price of Zinc Ore during the last year several mines have ceased to produce it; and in many instances, where the mine has been mainly dependent upon its production of Blende, there has been an unwillingness to furnish correct returns of the diminished value of the ores produced. Even at this low price large quantities were forced on the market. Hence the returns of Zinc, as given this year, are to some extent estimated.

				Ore.					Value.
				Tons.					£
In 1860 we produced	-	-	-	15,552	-	-	-	-	39,631
In 1861	„	-	-	15,770	-	-	-	-	31,112
Increase				218	Decrease				8,519

Our Importations of Zinc were—

								Tons.
In 1860	-	-	-	-	-	-	-	28,784
In 1861	-	-	-	-	-	-	-	24,851

PYRITES. SULPHUR ORES.—In 1861 there were produced from the mines of the United Kingdom 125,135 tons, whereas in 1860 the production amounted to 135,669 tons; the Sulphur Ores imported during the past year amounting to 93,528 tons.

IRON.—The quantity of Iron Ore raised and used in the Furnaces of the United Kingdom during the year ending December 1861 was 7,215,532 tons, valued at £2,302,371; in 1860, 8,024,205 tons were raised.

The Pig Iron produced in 1861 amounted to the large quantity of 3,712,390 tons, it being in 1860 3,826,752 tons. In 1861 the value of the Pig Iron produced, at the place of production, was given as £11,480,256. There are reasons for believing that this was estimated at too high a price per ton, especially for the large production of the inferior Irons. This has been corrected as far as possible, and the estimate now made gives the value of the Pig Iron made as £9,280,975. During the present year means have been adopted for obtaining, as it is believed, with yet more correctness, the cost of producing Iron in all the districts.

COALS.—The rate of exhaustion which is going on over our Coal fields still increases. From 3,052 Collieries there was used and sold in 1861—83,635,214 tons. Two millions and a half tons were wasted in the process of working, and burnt at surface on the Collieries of Durham and Northumberland only. The total waste must, therefore, have been very large, although information thereof could not be correctly obtained.

GENERAL SUMMARY, OF WHICH RETURNS ARE GIVEN FOR 1861.

MINERALS.	Quantity.	Value.
		£
TIN - - - - Tons	11,640	725,560
COPPER - - - - „	231,487	1,427,215
LEAD - - - - „	90,696	1,136,249
SILVER ORE - - - - „	29	1,471
ZINC ORE - - - - „	15,770	31,113
PYRITES - - - - „	125,135	79,715
ARSENIC - - - - „	1,450	10,875
NICKEL - - - - Cwts.	16	24
WOLFRAM - - - - Tons	6	29
ANTIMONY - - - - „	15	45
MANGANESE - - - - „	925	2,925
SUNDRIES,—GOSSAN, OCHRE, &c. „	3,016	3,016
IRON ORE - - - - „	7,215,518	2,302,371
COALS (sold and used) - - - - „	83,635,214	20,908,803
OTHER MINERALS - - - - „	2,222,602	880,114

TOTAL VALUE of the MINERALS produced in 1861 - 27,509,525

METALS PRODUCED FROM BRITISH MINERALS.

	Quantity.	Value.
		£
GOLD - - - - - Ozs.	2,784	10,816
TIN - - - - - Tons	7,450	910,762
COPPER - - - - - „	15,331	1,572,480
LEAD - - - - - „	65,643	1,445,255
SILVER - - - - - Oz.	569,530	144,161
ZINC - - - - - Tons	4,415	79,101
IRON, PIG - - - - - „	3,712,390	9,280,975
Total value of the above - - - -	-	13,443,550
Estimated value of other Metals - - - -	-	250,500
COALS - - - - -	-	20,908,803

TOTAL VALUE of the METALS produced, and COALS £34,602,853

Mining Record Office,
1862.

ROBERT HUNT, F.R.S.,
Keeper of Mining Records.

MINERAL STATISTICS

OF THE

UNITED KINGDOM OF GREAT BRITAIN AND IRELAND,
FOR THE YEAR 1861.

METALLIFEROUS MINERALS, COAL, &c.

TIN.

SMLTERS' RETURNS. The produce of the Mines of CORNWALL and DEVONSHIRE have been, according to the estimates made by the large smelting firms, for the year ending 31st December 1861,—

Tin Ore (*Black Tin*) - 11,640 Tons ;
which produced of Metallic Tin (*White Tin*) 7,450 Tons.

		£	s.	d.	
The highest price of Tin Ore	-	81	7	6	per Ton.
The lowest price do.	-	30	0	0	„ „
The mean average price do., rejecting some low-priced parcels sold in the stone	-	62	6	8	„ „

The value, therefore, of the Tin Ore above given may be computed at
£725,560 0s.

STANNARY RETURNS, from 29th September 1860 to 29th September 1861:—

Tin Ore raised on which dues to Stannary Court have been paid.

CORNWALL	-	-	10,725 Tons.
DEVONSHIRE	-	-	238 „
Total	-	-	10,963 „

The returned value of this ore was—

		£
CORNWALL	-	775,612
DEVONSHIRE	-	18,086
Total	-	793,698

METALLIC (*White*) TIN produced from the above 7,016 tons.

Mean average price of English block tin being 122*l.* 5*s.* 0*d.* the following are the market values of the tin produced,—

7,450 tons for the year ending December 31st - £910,762 10s.
7,016 „ for the year ending September 29th - £857,706 0s.

PRICES of METALLIC (white) Tin in the LONDON MARKET during the Year 1861.

For the Week ending	English Blocks.	Banca.	Straits.	For the Week ending	English Blocks.	Banca.	Straits.
	£ s.	£ s.	£ s.		£ s.	£ s.	£ s.
Jan. 4	136 0	134 10	130 0	July 5	121 0	117 10	114 15
" 11	132 0	134 5	128 0	" 12	117 0	116 10	113 10
" 18	132 0	132 15	127 10	" 19	117 0	115 0	111 5
" 25	128 0	127 15	123 10	" 26	117 0	115 0	111 5
Feb. 1	128 0	128 0	122 10	Aug. 2	117 0	115 0	110 10
" 8	128 0	127 10	123 10	" 9	114 0	113 10	110 10
" 15	128 0	127 10	123 0	" 16	114 0	114 0	111 5
" 22	128 0	127 10	123 0	" 23	114 0	114 15	113 0
Mar. 1	128 0	127 10	123 5	" 30	117 0	117 10	116 10
" 8	124 0	124 0	118 0	Sept. 6	117 0	120 0	118 0
" 15	124 0	123 10	118 0	" 13	120 0	118 0	117 0
" 22	124 0	123 10	117 15	" 20	120 0	118 0	117 0
" 29	124 0	123 10	117 15	" 27	120 0	118 0	117 0
April 5	120 0	123 0	116 0	Oct. 4	120 0	118 0	117 0
" 12	120 0	123 0	116 0	" 11	120 0	117 10	116 10
" 19	120 0	125 10	120 0	" 18	120 0	117 10	116 10
" 26	125 0	129 0	125 10	" 25	120 0	117 10	116 0
May 3	125 0	128 10	125 10	Nov. 1	120 0	117 10	116 0
" 10	125 0	128 0	124 10	" 8	120 0	117 0	116 0
" 17	125 0	128 0	124 0	" 15	120 0	118 10	116 5
" 24	125 0	127 0	123 15	" 22	120 0	120 0	116 5
" 31	125 0	127 0	123 5	" 29	120 0	123 10	120 0
June 7	125 0	125 10	120 10	Dec. 6	120 0	121 15	119 0
" 14	125 0	125 0	120 0	" 13	120 0	120 10	118 10
" 21	125 0	125 0	120 0	" 20	120 0	120 10	118 0
" 28	125 0	117 10	114 15	" 27	120 0	120 10	118 0

	English Blocks.	Banca.	Straits.
	£ s. d.	£ s. d.	£ s. d.
Highest Price	136 0 0	134 10 0	130 0 0
Lowest Price	114 0 0	113 0 0	110 10 0
Mean Average Price	122 5 0	123 0 0	118 17 0

SUMMARY.

NUMBER of TIN MINES, TIN ORE Raised and TIN Smelted, and the VALUE of ORE and METAL for each year (ending September 29th) from 1860 to 1861, both inclusive.

TIN ORE.

COUNTIES.	Number of Mines.			Tin Ore.		
	1859.	1860.	1861.	1859.	1860.	1861.
CORNWALL - - - -	125	139	144	Tons. 10,069	Tons. 10,225	Tons. 10,725
DEVON - - - -	8	4	4	111	175	238
TOTAL - - - -	128	143	148	10,180	10,400	10,963

VALUE of TIN ORE.

COUNTIES.	1859.	1860.	1861.
CORNWALL - - -	£ 723,370	£ 798,209	£ 775,612
DEVON - - -	7,945	13,951	18,086
TOTAL - - -	731,315	812,160	793,698

This TIN ORE produced of WHITE TIN or METALLIC TIN :

COUNTIES.	1859.	1860.	1861.
CORNWALL and DEVON } - - -	Tons. 6,497	Tons. 6,656	Tons. 7,016

MARKET VALUE of the METALLIC TIN.

COUNTIES.	1859.	1860.	1861.
CORNWALL and DEVON } - - -	£ 850,452	£ 866,306	£ 857,706

TIN ORE,

Upon which Dues were paid to the Stannary Court from the under-mentioned MINES and TIN STREAMS from the 29th September 1860 to the 29th September 1861.

CORNWALL.

WESTERN DISTRICT, embracing all the Mines, &c. to the west of MARAZION and HAYLE.

No.	Names of Mines.	Tin Ore.	Value.		
		Tons. cwt. qrs. lbs.	£	s.	d.
1	Balleswidden - - -	277 4 1 12	20,017	11	8
2	Providence Mines - - -	271 6 2 26	19,741	4	6
3	Saint Ives Consols - - -	249 17 1 17	17,343	4	7
4	Botallack - - -	201 11 1 9	15,233	13	0
5	Huel Owles - - -	190 16 3 9	14,757	7	6
6	Levant - - -	178 10 1 13	13,404	1	11
7	Bosweddan and Huel Castle - - -	117 11 3 11	8,667	9	10
8	Huel Kitty (<i>Lelant</i>) - - -	115 3 2 27	8,585	11	10
9	Huel Reeth - - -	107 4 0 0	8,089	9	6
10	Huel Margaret - - -	103 14 1 20	7,518	19	3
11	Carnyorth - - -	99 5 1 19	6,906	9	9
12	Durlo - - -	95 4 3 16	6,823	2	6
13	Ding Dong - - -	92 19 1 7	6,552	19	6
14	Spearn Moor - - -	85 17 2 12	6,188	4	3
15	East Huel Margaret - - -	58 8 3 0	4,454	14	8
16	Mill Pool - - -	60 8 1 14	4,453	2	4
17	Huel Hearle - - -	59 14 2 13	4,165	11	6
18	Trelyon Consols - - -	48 7 2 27	3,544	16	1
19	North Levant - - -	43 1 1 15	3,125	18	6
20	Trencrom - - -	48 16 0 2	3,120	8	7
21	Spearne Consols - - -	32 3 3 11	2,373	11	0
22	West Huel Providence - - -	30 0 1 1	2,221	4	8
23	Huel Bal - - -	24 10 1 8	1,740	2	0
24	Gurlyn - - -	20 17 3 7	1,426	15	10
25	Lewis Mines - - -	16 7 0 13	1,368	3	9
26	Huel Margery - - -	8 17 3 8	497	1	0
27	Huel Coit - - -	4 9 0 15	330	18	10
28	Huel Frospidnick - - -	4 18 2 24	286	5	3
Total -		2,646 17 0 20	192,938	3	7

CENTRAL DISTRICT—embracing all the Mines Eastward of HAYLE and Westward of TRURO and CUBERT.

No.	Names of Mines.	Tin Ore.				Value.		
		Tons.	cwts.	qrs.	lbs.	£	s.	d.
1	Doleoath - - - -	864	7	1	3	63,862	9	11
2	Carn Brea - - - -	535	17	3	22	38,595	3	0
3	Saint Day United - - - -	289	2	2	6	18,904	5	4
4	Wendron Consols - - - -	255	3	3	20	18,491	6	0
5	Great Huel Fortune - - - -	226	2	1	11	17,572	2	1
6	Cook's Kitchen - - - -	231	0	1	12	17,154	9	3
7	Tincroft - - - -	242	1	1	25	16,843	5	5
8	Great Huel Vor - - - -	214	14	0	12	15,876	5	4
9	Polberro - - - -	212	19	1	26	15,629	7	4
10	Pednandrea - - - -	209	10	3	22	14,976	13	7
11	Great Work - - - -	190	16	3	20	14,862	3	11
12	Great Huel Busy - - - -	186	7	3	8	12,284	3	1
13	Basset and Grylls - - - -	153	14	1	12	10,729	14	6
14	Huel Uny - - - -	137	0	0	18	10,133	9	6
15	Huel Buller - - - -	137	4	1	27	9,945	1	3
16	Trumpet Consols - - - -	128	19	2	27	9,805	10	3
17	Saint Aubyn and Grylls - - - -	121	6	1	24	8,688	18	2
18	Calvadnack - - - -	121	11	3	10	8,057	3	1
19	North Roskear - - - -	104	10	1	12	7,461	2	10
20	Huel Mary - - - -	95	10	2	14	6,884	3	4
21	Huel Tremayne - - - -	76	16	2	11	5,790	7	5
22	Huel Anna - - - -	68	18	2	19	5,042	10	2
23	Huel Kitty (St. Agnes) - - - -	71	10	2	11	4,983	2	1
24	Budnick Consols - - - -	66	8	0	11	4,615	12	3
25	Huel Seton - - - -	62	2	1	0	4,512	10	9
26	South Carn Brea - - - -	62	0	2	14	4,118	2	8
27	Polbreen - - - -	51	14	0	7	3,828	16	1
28	Huel Basset - - - -	51	15	1	20	3,734	14	11
29	Trevenen and Tremenhere - - - -	46	9	0	20	3,668	6	11
30	Creegbrowse and Penkevil - - - -	61	17	0	27	3,534	9	9
31	Condurrow - - - -	45	18	0	3	3,430	2	9
32	Penhalls - - - -	44	3	0	13	3,301	6	3
33	East Huel Lovell - - - -	39	13	0	13	3,033	8	5
34	East Huel Crofty - - - -	37	19	0	2	2,936	7	10
35	East Pool - - - -	49	15	3	25	2,885	5	5
36	Huel Lovell - - - -	37	12	1	22	2,824	1	11
37	Stray Park - - - -	38	12	2	12	2,819	4	9
38	Leeds and St. Aubyn - - - -	36	0	0	6	2,571	16	6
39	Huel Trevaunance - - - -	26	13	3	24	1,919	6	1
40	Treworlis - - - -	24	9	0	9	1,736	6	0
41	Huel Friendly - - - -	26	1	0	20	1,690	4	5
42	Huel Trefusis - - - -	23	0	2	5	1,585	15	1
43	Huel Mary and Kitty - - - -	19	19	1	27	1,406	18	11
44	East Huel Tolgus - - - -	17	18	0	26	1,367	6	9
45	Tretil and Messer - - - -	15	13	3	0	1,175	18	7
46	United Mines - - - -	16	12	3	11	1,096	6	5
47	Garlidna - - - -	19	8	1	7	1,339	12	6
48	Huel Clifford - - - -	15	9	3	24	987	12	8
49	West Huel Basset - - - -	13	8	2	27	968	9	7
50	Rosewarne Consols - - - -	11	3	2	14	896	10	6
51	Huel Moyle - - - -	12	15	3	2	843	6	10
52	Perran Mines - - - -	11	10	0	9	751	12	10
53	South Huel Francis - - - -	10	1	2	12	695	19	6
54	Camborne Veau and Huel Francis - - - -	8	10	3	11	638	1	6
55	West Huel Francis - - - -	7	11	0	20	543	1	2
56	Huel Agar - - - -	6	15	3	11	477	3	8
Carried forward -		5,893	8	1	14	424,506	17	0

TIN ORE AND TIN RETURNS.

5

Central District—continued.

No.	Names of Mines.	Tin Ore.				Value.		
		Tons.	cwts.	qrs.	lbs.	£	s.	d.
	Brought forward	5,893	8	1	14	424,506	17	0
57	Huel Prosper	6	6	3	18	441	9	10
58	Huel Union	5	12	2	11	377	15	3
59	Mulberry Hill	4	15	2	20	343	6	1
60	Prideaux Wood	4	17	3	19	323	11	11
61	New Huel Francis	4	13	1	27	301	16	0
62	East Trevennen	3	11	1	3	255	7	4
63	Tresavean and Tretharup	3	12	0	6	159	5	10
64	Huel Damsel	1	19	3	24	145	6	2
65	West Huel Seton	1	18	1	25	125	14	3
66	Huel Guskus	17	1	21		69	15	0
67	Stamping Mills (St. Agnes)	16	2	23		61	16	1
68	South Huel Crofty	16	2	25		47	12	11
69	East Grenville	9	0	26		33	4	6
	Total	5,933	7	3	10	427,192	18	2

EASTERN DISTRICT—embracing all the Mines Eastward of TRURO to the River TAMAR.

No.	Names of Mines.	Tin Ore.				Value.		
		Tons.	cwts.	qrs.	lbs.	£	s.	d.
1	Par Consols	335	18	2	3	24,345	1	4
2	Charlestown United	296	8	1	13	20,970	15	7
3	Drake Walls	214	7	1	1	15,916	15	6
4	West Fowey Consols	185	0	3	15	13,337	2	0
5	Great Hewas	110	2	0	18	9,218	10	4
6	Saint Austell Consols	111	12	1	0	7,996	6	0
7	Great Polgooth	70	6	0	9	5,143	9	9
8	Kit Hill United	44	8	2	6	3,127	19	8
9	West Par Consols	14	4	3	1	1,012	16	9
10	Saint Dennis Consols	13	0	2	19	982	4	0
11	Phoenix Mines	13	2	2	19	839	0	2
12	Boscundle	11	0	0	27	816	13	10
13	Great Treveddoe	13	1	0	13	735	11	0
14	Gonamena	8	5	3	14	519	5	5
15	Huel Arthur	2	1	3	14	145	16	4
16	Trebisken Green	3	17	2	8	134	6	2
17	Fowey Consols	9	1	18		29	1	6
	Total	1,447	3	1	2	105,270	15	4

SUNDRY MINES from which, the ORES being sold in the Stone, the Money Value alone has been returned.

No.	Names of Mines.	Tin Ore.	Value.		
			Tons. cwt. qrs. lbs.	£	s. d.
1	Boscean - - - -	686* 0 0 0	9,265	14	5
2	Huel Jane - - - -		8,988	6	11
3	Huel Grylls - - - -		7,673	6	1
4	Boscawell - - - -		5,245	12	4
5	West Huel Jane - - - -		3,456	0	0
6	North Huel Busy - - - -		3,273	2	11
7	Huel Harriet - - - -		2,373	14	6
8	Clyjah and Wentworth - - - -		2,206	16	10
9	North Downs and Huel Rose - - - -		1,164	14	0
10	North Huel Basset - - - -		1,084	16	1
11	Tolcarne - - - -		780	0	0
12	Great South Tolgus - - - -		724	16	0
13	Great Huel Alfred - - - -		668	6	11
14	East Huel Basset - - - -		641	7	9
15	Rosewarne United - - - -		492	5	9
16	North Treskerby - - - -		317	4	4
17	West Stray Park - - - -		276	6	0
18	Greenberry - - - -		169	19	0
19	Huel Charlotte - - - -		159	15	0
20	Charlotte United - - - -		125	17	4
21	Carvannall - - - -		91	3	0
22	West Great Work - - - -		86	8	5
23	Huel Ellen - - - -		60	0	0
24	Falmouth and Sperries - - - -		45	12	4
25	North Grambler - - - -		42	4	6
26	West Condurrow - - - -		52	9	4
27	Grambler and St. Aubyn - - - -		8	15	2
28	New Huel Hender - - - -		5	5	6
Total - - - -		686 0 0 0	49,420	0	5

* Computed.

TIN ORE sold from TIN STREAMS.

No.	Names of Streams.	Tin Ore.	Value.		
			Tons. cwt. qrs. lbs.	£	s. d.
1	Tregillia - - - -	11 1 0 15	743	13	5
2	Goonlaze - - - -	0 16 1 9	47	7	2
Total - - - -		11 17 1 24	791	0	7

DEVONSHIRE.

No.	Names of Mines.	Tin Ore.	Value.
		Tons. cwt. qrs. lbs.	£ s. d.
1	Birch Tor and Vitifer - -	93 6 3 21	6,985 16 7
2	Ashburton United - -	84 4 0 21	6,256 0 5
3	Huel Sidney - -	48 18 0 5	4,011 6 8
4	United Mines (Tavistock) -	11 10 2 23	832 17 8
	Total - -	237 19 3 14	18,086 1 4

SUMMARY of TIN PRODUCE for the Year ending 29th September 1861, as per Returns made to Stannary Court.

Mines.	Mining Districts.	Tin Ore.	Value.
	CORNWALL.	Tons. cwt. qrs. lbs.	£ s. d.
28	WESTERN DISTRICT - - -	2,646 17 0 20	192,938 3 7
69	CENTRAL DISTRICT - - -	5,933 7 3 10	427,192 18 2
17	EASTERN DISTRICT - - -	1,447 3 1 2	105,270 15 4
28	Sundry Mines from which Money Returns only were made - - -	686 0 0 0	49,420 0 5
2	Ores from Tin Streams - - -	11 17 1 24	791 0 7
4	DEVONSHIRE - - -	237 19 3 14	18,086 1 4
148	Total - - -	10,963 2 2 14	793,698 19 5

The PRODUCE of TIN MINES not included in the STANNARY RETURNS.

No.	Names of Mines.	Quantities.	Value.
	CORNWALL.	Tons. cwt. qrs. lbs.	£ s. d.
1	Redmoor - - -	27 0 0 0	1,932 2 6
2	Brea Consols - - -	17 14 3 16	1,249 11 10
3	Sithney, &c. - - -	17 13 0 0	953 17 7
4	West Margaret - - -	5 12 2 21	360 5 6
5	Penhall Moor - - -	4 10 1 3	323 18 10
6	Huel Lushington - - -	4 9 2 22	296 14 4
7	New Huel Vor - - -	3 1 0 26	184 16 6
8	West Par Consols - - -	2 13 0 0	162 0 0
9	Cuddra - - -	2 11 3 19	159 12 5
10	Old Tolgus United - - -	0 19 0 27	64 1 5
11	Huel Anne - - -	0 14 1 22	53 18 6
	TOTAL - - -	86 15 1 16	5,740 19 5

The PRODUCE of TIN MINES not included in the STANNARY RETURNS.

No.	Names of Mines.	Quantities.	Value.
	DEVONSHIRE.	Tons.cwts. qrs. lbs.	£ s. d.
1	Bottle Hill - - - -	39 3 1 17	2,709 14 10
2	Tavistock United - - - -	1 16 0 14	125 7 1
	TOTAL - - - -	40 19 2 3	2,835 1 11

QUANTITY and VALUE of BLACK TIN raised from MINES belonging to the DUCHY of CORNWALL upon which Dues were paid in the Year 1861.

Names of Property.	Quantity.	Value.
	Tons cwts. qrs. lbs.	£ s. d.
COUNTY OF CORNWALL.		
BILLATON :—		
Phoenix Mine - - - -	13 0 3 5	728 5 1
STOKE CLIMSLAND :—		
Kit Hill Mine - - - -	35 4 2 25	2,550 4 2
TYWARNHAILE :—		
Huel Coates - - - -	1 9 3 15	102 7 4
Perran Porth Stream - - - -	0 10 3 25	20 8 8
Ramoth Barrows - - - -	0 17 1 13	57 4 6
North Treskerby - - - -	- - - -	295 5 0
Huel Friendly - - - -	38 11 1 5	2,373 0 0
Huel Coit - - - -	6 1 3 4	445 4 10
Scorrier Consols - - - -	- - - -	181 2 11
Lands adjoining Wheal Harriet - - - -	8 16 2 7	641 14 6
Huel Betsy - - - -	8 0 3 27	586 2 7
Perran Mines - - - -	8 15 2 27	555 18 10
Chapel Porth River - - - -	0 4 1 22	14 11 8
Goonlaze River - - - -	0 7 3 14	22 5 0
Polberro Consols - - - -	209 9 3 19	15,014 3 2
CALSTOCK :—		
Drakewalls - - - -	214 7 1 1	15,916 16 6
Huel Arthur - - - -	2 1 3 14	145 16 4
TIEWINGTON :—		
Huel Virgin - - - -	1 10 2 0	95 2 9
Charlestown United - - - -	253 19 1 5	18,513 0 5½
HELSTON-IN-KERRIE :—		
East Trevenen or West Wheal Lovell	3 1 3 24	227 7 4
Stream Works and small Mines in this } Manor - - - -	6 4 1 2	567 14 7
Calvadnack - - - -	87 6 2 14	5,750 8 11
Garlidna United Mines - - - -	10 15 2 1	725 11 5
Wendron Consols - - - -	105 18 0 22	8,103 15 7
Trumpet Consols - - - -	127 17 3 12	9,840 13 5
Treworlis and Trenethic - - - -	19 4 0 6	1,398 18 0
East Wheal Lovell - - - -	37 19 3 7	2,926 10 11
Carried forward - - - -	1,201 8 2 8	87,799 14 5½

Quantity and Value of Black Tin raised from Mines, &c.—*continued*

Names of Property.				Quantity.	Value.			
				Tons, cwt., qrs. lbs.	£	s.	d.	
Brought forward	-	-	-	1,201 8 2 8	87,799	14	5½	
TREVEENBYN:—								
Resogoe Stream Work	-	-	-	0 2 2 26	10	7	7	
Great Moor Stream	-	-	-	4 7 2 25	371	3	5	
CORNWALL FORESHORE:—								
Porthledden Sands	-	-	-	0 8 1 6	32	4	0	
Trevellas Beach	-	-	-	2 10 1 26	125	17	10	
Polberro Cove	-	-	-	0 3 1 16	8	16	5	
Trevaunance Stream	-	-	-	1 17 3 3	98	4	4	
COUNTY OF DEVON.								
DARTMOOR:—								
Birch Tor and Vitifer	-	-	-	98 5 2 26	7,680	1	11	
Total	-	-	-	1,309 1 2 24	96,126	9	11½	

IMPORTS AND EXPORTS OF TIN.

FOREIGN AND COLONIAL.

Tin imported (as per Board of Trade Returns) for Three Years,
ending 1861.

Description.	1859.	1860.	1861.
	Cwts.	Cwts.	Cwts.
Tin in blocks, bars, ingots, and slabs -	54,006	58,220	73,062
Declared value - -	£ 370,976	£ 387,307	£ 435,277

EXPORTS OF BRITISH TIN,

(As per Board of Trade Returns) for the Year 1861, as compared
with the two previous Years.

Description.	1859.	1860.	1861.
	Cwts.	Cwts.	Cwts.
Tin unwrought - - -	56,079	54,811	56,551
Declared value - -	£ 353,109	£ 361,592	£ 343,300

FOREIGN AND COLONIAL TIN,

Exported in the Year 1861, as compared with the two previous Years.

Description.	1859.	1860.	1861.
	Cwts.	Cwts.	Cwts.
Tin in blocks, ingots, bars, and slabs -	7,908	10,163	19,173

TOTAL EXPORTS OF TIN 1861.

			Cwts.
British Tin	-	-	56,551
Foreign and Colonial Tin	-	-	19,173
Total	-	-	<u>75,724</u>

TIN PLATE MANUFACTURE.

TIN PLATE WORKS IN SOUTH WALES.

Situation.	Name of Proprietor.	Power employed.
Carmarthen - - -	Matthew Wayne - - -	Water.
Kidwelly - - -	Not occupied - - -	Do.
Morfa (Llanelly) - - -	J. S. Tregoning and Co. - - -	Steam.
Dafen - - -	Phillips, Smith, and Co. - - -	Do.
Swansea - - -	Davies and Sons - - -	Do.
Landore (Swansea) - - -	Landore Tin Plate Co. - - -	Do.
Upper Forest (Llansamlett) - - -	W. Hallam and Co. - - -	Steam and water.
Lower Forest (Llangavelach) - - -	Jenkins and Co. - - -	Water and steam.
Ynispenllwch - - -	Henry Stuck and Co. - - -	Do. and steam.
Pont-an-Tawe - - -	Wm. Gilbertson and Co. - - -	Do. and steam.
Ystalyfera - - -	Ystalyfera Iron Co. - - -	Steam.
Aberdulais (Neath) - - -	Jos. Williams and Co. - - -	Steam and water.
Ferry (Briton Ferry) - - -	Smith, Morris, and Co. - - -	Steam.
Margam - - -	Margam Tin Plate Co. - - -	Do. and water.
Cwm Avon - - -	Governor and Co. - - -	Water and steam.
Machen - - -	Woodruff and Co. - - -	Do.
Tydu - - -	Lewis and Co. - - -	Do.
Pontymister - - -	Banks Brothers - - -	Steam and water.
Caerleon - - -	Jenkins and Co. - - -	Do. do.
Pontrhydyrun - - -	Conway, James, and Co. - - -	Do. do.
Pontypool - - -	Darby and Co. - - -	Do. do.
Aberillery - - -	Price and Co. - - -	Do. do.
Abercane - - -	Whitehouse and Co. - - -	Do. do.

EXPORTS OF TIN PLATES.

(Declared Value alone given, as per Board of Trade Returns.)

Countries to which exported.	1859.	1860.	1861.
	Declared Value.		
	£	£	£
United States - - - - -	1,095,792	1,018,536	417,360
British East Indies - - - - -	34,620	15,382	31,638
Australia - - - - -	19,485	19,012	27,718
Other Countries - - - - -	372,721	447,832	430,890
Totals - - - - -	1,522,618	1,500,812	907,590

FOREIGN TIN TRADE.

DUTCH TRADING COMPANY'S Sales of TIN for the Twelve Months ending June 1862 as compared with the two previous Years.

	Years.	Slabs.*	English Tons.
	1862 - -	155,193	4,850
	1861 - -	148,142	4,621
	1860 - -	134,853	4,215

* A slab of Banca Tin is equal to 70 lbs. Avoirdupois.

The above quantities were delivered in Holland as follows :—

Months.				For the Year ending June 1862.	For the Year ending June 1861.	For the Year ending June 1860.
				Slabs.	Slabs.	Slabs.
1861 :	July	-	-	29,342	38,536	25,655
„	August	-	-	46,728	30,000	13,045
„	September	-	-	12,261	12,430	28,201
„	October	-	-	7,067	6,720	13,125
„	November	-	-	12,655	11,388	11,341
„	December	-	-	8,057	4,750	2,950
1862 :	January	-	-	5,105	4,123	6,693
„	February	-	-	8,465	10,137	6,725
„	March	-	-	4,335	9,500	4,958
„	April	-	-	6,766	9,188	6,530
„	May	-	-	9,400	4,550	6,515
„	June†	-	-	5,012	7,820	9,155
Total				155,193	148,142	134,853

† The average price realized in the June (1862) Sales was 67 $\frac{3}{4}$ florins of 1s. 8d. sterling.

1892 Slabs of BILLITON TIN, equal to 59 $\frac{1}{2}$ English Tons, were sold in addition to the above.

1861.

COPPER.

TICKETING RETURNS to 31st DECEMBER for DEVONSHIRE and CORNWALL.

The Total Quantity of COPPER ORE sold at the public sales in Cornwall from 116 mines—viz.,

CORNWALL	-	-	-	97 mines
DEVONSHIRE	-	-	-	19 „
Total				<u>116 „</u>

was 180,778 Tons.

The mean average produce being 6½.

And the Value of the Ore,—

£	s.	d.
1,004,915	13	0

The Quantity of METALLIC COPPER produced from the above Ore was—

Tons.	cwt.	qrs.	lbs.
11,486	0	2	13

This shows a decrease in the year 1861, as compared with 1860—

				Tons.	cwt.	qrs.	lbs.
Of Copper Ore	-	-	-	105	0	0	0
Of Metallic Copper	-	-	-	311	4	1	19

In Value of Ore—

£	s.	d.
60,461	0	0

STANNARY RETURNS for the Year ending 29th SEPTEMBER 1861.

The Number of Mines which have made returns to the Stannary Court during 1861 have been—

CORNWALL	-	-	-	132 Mines
DEVONSHIRE	-	-	-	17 „
Total				<u>149</u>

These produced respectively—

ORE.				MONEY VALUE.			
				£	s.	d.	
	Tons.	cwt.	qrs.				
CORNWALL	-	136,953	16 3	802,765	10	3	
DEVONSHIRE	-	35,795	20 0	187,188	4	7	
Total	-	<u>172,749</u>	<u>15 3</u>	<u>£989,953</u>	<u>14</u>	<u>10</u>	

TICKETING RETURNS of the SALES at SWANSEA in 1861.

—	Mines.	Copper Ore.	Value of Copper Ore.			Metallic Copper.		
		Tons.	£	s.	d.	Tons	cwt.	qrs. lbs.
IRISH MINES - - -	4	13,971	132,565	7	6	1,445	1	0 16
ENGLISH AND WELSH MINES -	5	2,127	24,218	9	6	262	7	2 12
FOREIGN AND COLONIAL MINES	25	20,429	312,984	0	0	3,445	12	2 14
Regulus and Sundries -	5	1,128	14,049	13	6	153	2	1 11
Total - - -	39	37,655	483,817	10	6	5,306	2	2 25

SUMMARY of the PRODUCTION of COPPER in the UNITED KINGDOM in the year 1861 (*ending 31st December*), the mean average Price of Metallic Copper being taken at £102 12s. 0d.

—	Mines.	Copper Ore.	Value of Copper Ore.			Metallic Copper.			Estimated Value of Metallic Copper.	
	No.	Tons.	£	s.		Tons.	cwt.	qr. lbs.	£	s.
CORNWALL and DEVONSHIRE Sales at Public Ticketings.	116	180,778	1,004,915	13		11,486	0	2 13	1,178,466	15
SWANSEA Sales, deducting the Foreign Ores and Regulus.	10	16,907	163,050	0		1,778	4	0 0	182,433	6
Private Contract Purchases.	25	16,002	96,012	0		1,056	3	0 0	108,359	12
Do. do. Estimated	24	17,800	100,750	0		1,010	3	0 0	103,220	0
Total -	175	231,487	1,364,727	13		15,330	10	2 13	1,572,479	13

The PRODUCTION of COPPER for the three years ending 1859, 1860, 1861 :

YEAR.	Mines.	Copper Ore.	Value of Copper Ore.			Fine Copper.	Estimated Value of Metallic Copper.
	No.	Tons.	£	s.		Tons.	£
1859 - -	170	236,789	1,506,835	0		15,770	1,734,700
1860 - -	170	236,696	1,507,133	0		15,968	1,706,261
1861 - -	175	231,487	1,364,727	13		15,331	1,572,480

The TOTAL QUANTITY SMELTED in this country from BRITISH, FOREIGN, and COLONIAL Ores in 1861 was,—

	Tons.	cwts.	qrs.	lbs.
Metallic Copper produced from Ores sold at				
Cornish ticketings - - - -	11,486	0	2	13
Ditto from British and Foreign Ores sold at				
Swansea ticketings - - - -	5,306	2	2	25
Ditto from ditto Ores purchased by private				
contract, as by returns - - - -	13,243	17	2	21
Ditto ditto in addition (estimated) - -	870	10	0	0
Total - - - -	30,906	10	0	3

				£
Estimated value in 1860 - - - -	-	-	-	3,146,398
Do. in 1861 - - - -	-	-	-	3,170,955

MARKET PRICES of METALLIC COPPER, being the Average of each Week for the Year 1861.

The Week ending	Best selected.	Tough Oake.	Tile.	The Week ending	Best selected.	Tough Oake.	Tile.
	£ s. d.	£ s. d.	£ s. d.		£ s. d.	£ s. d.	£ s. d.
Jan. 4 - - - -	105 10 0	102 10 0	102 10 0	July 28 - - - -	96 0 0	93 0 0	93 0 0
" 11 - - - -	105 10 0	102 10 0	102 10 0	Aug. 2 - - - -	96 0 0	93 0 0	93 0 0
" 18 - - - -	105 10 0	102 10 0	102 10 0	" 9 - - - -	96 0 0	93 0 0	93 0 0
" 25 - - - -	105 10 0	102 10 0	102 10 0	" 16 - - - -	96 0 0	93 0 0	93 0 0
Feb. 1 - - - -	105 10 0	102 10 0	102 10 0	" 23 - - - -	101 0 0	98 0 0	98 0 0
" 8 - - - -	105 10 0	102 10 0	102 10 0	" 30 - - - -	101 0 0	98 0 0	98 0 0
" 15 - - - -	105 10 0	102 10 0	102 10 0	Sept. 6 - - - -	101 0 0	98 0 0	98 0 0
" 22 - - - -	105 10 0	102 10 0	102 10 0	" 13 - - - -	101 0 0	98 0 0	98 0 0
Mar. 1 - - - -	105 10 0	102 10 0	102 10 0	" 20 - - - -	101 0 0	98 0 0	98 0 0
" 8 - - - -	105 10 0	102 10 0	102 10 0	" 27 - - - -	101 0 0	98 0 0	98 0 0
" 15 - - - -	105 10 0	102 10 0	102 10 0	Oct. 4 - - - -	101 0 0	98 0 0	98 0 0
" 22 - - - -	105 10 0	102 10 0	102 10 0	" 11 - - - -	101 0 0	98 0 0	98 0 0
" 29 - - - -	101 0 0	98 0 0	98 0 0	" 18 - - - -	101 0 0	98 0 0	98 0 0
Apr. 6 - - - -	101 0 0	98 0 0	98 0 0	" 25 - - - -	105 0 0	102 0 0	102 0 0
" 13 - - - -	101 0 0	98 0 0	98 0 0	Nov. 1 - - - -	105 10 0	102 10 0	102 0 0
" 20 - - - -	101 0 0	98 0 0	98 0 0	" 8 - - - -	105 10 0	102 10 0	102 10 0
" 27 - - - -	101 0 0	98 0 0	98 0 0	" 15 - - - -	105 10 0	102 10 0	102 10 0
May 5 - - - -	101 0 0	98 0 0	98 0 0	" 22 - - - -	105 10 0	102 10 0	102 10 0
" 12 - - - -	101 0 0	98 0 0	98 0 0	" 29 - - - -	110 10 0	107 10 0	107 10 0
" 19 - - - -	101 0 0	98 0 0	98 0 0	Dec. 6 - - - -	110 10 0	107 10 0	107 10 0
" 26 - - - -	101 0 0	98 0 0	98 0 0	" 13 - - - -	110 10 0	107 10 0	107 10 0
" 31 - - - -	101 0 0	98 0 0	98 0 0	" 20 - - - -	110 10 0	107 10 0	107 10 0
June 7 - - - -	101 0 0	98 0 0	98 0 0	" 27 - - - -	110 10 0	107 10 0	107 10 0
" 14 - - - -	101 0 0	98 0 0	98 0 0	Highest price - -	110 0 0	107 10 0	107 10 0
" 21 - - - -	96 0 0	93 0 0	93 0 0	Lowest do. - -	96 0 0	93 0 0	93 0 0
" 28 - - - -	96 0 0	93 0 0	93 0 0	Average do. - -	102 12 0	99 12 0	99 12 0
July 5 - - - -	96 0 0	93 0 0	93 0 0				
" 12 - - - -	96 0 0	93 0 0	93 0 0				
" 19 - - - -	96 0 0	93 0 0	93 0 0				

CORNWALL AND DEVONSHIRE.

PRODUCE OF CORNISH COPPER MINES which have made Returns to the STANNARIES COURT of their Produce from the 29th September 1860 to 29th September 1861.

WESTERN DISTRICT, including St. Just, St. Ives, St. Erth, and MINES SOUTH.

No.	Names of Mines.	Copper Ore.			Value.		
		Tons.	cwts.	qrs.	£	s.	d.
1	Great Huel Alfred - - -	3,489	2	0	16,513	19	3
2	Alfred Consols - - -	1,590	18	2	8,470	16	9
3	Tolvadden - - -	1,498	2	3	7,194	17	1
4	Pendeen Consols - - -	1,772	13	0	6,692	6	6
5	Huel Margery - - -	1,043	16	1	6,051	1	10
6	Treloweth - - -	708	5	2	5,215	7	6
7	Botallack - - -	464	17	0	4,428	0	2
8	West Alfred Consols - - -	1,069	1	2	4,010	5	5
9	Levant - - -	580	17	0	2,998	0	11
10	East Alfred Consols - - -	405	14	0	2,353	8	3
11	West Huel Trevelyan - - -	229	13	0	1,879	0	3
12	Huel Trebarvah - - -	55	20	1	214	0	3
13	Spesrn Moor - - -	17	11	1	194	4	3
14	West Huel Providence - - -	28	19	2	172	14	6
15	Gurlyn - - -	10	17	0	77	11	2
16	St. Ives Consols - - -	7	12	0	58	9	9
17	St. Aubyn and Grylls - - -	6	18	0	39	1	6
18	Bosweddan and Huel Castle - - -	0	15	1	35	0	4
19	North Levant - - -	4	14	0	23	6	9
20	Huel Hearle - - -	45	15	0	21	14	3
Total - - -		13,031	10	3	66,643	6	8

WEST CENTRAL, including REDRUTH, GWENNAP, CAMBORNE, and SAINT AGNES.

No.	Names of Mines.	Copper Ore.			Value.		
		Tons.	cwts.	qrs.	£	s.	d.
1	Huel Clifford - - -	8,037	9	3	49,064	16	8
2	West Huel Seton - - -	7,018	1	0	44,162	4	9
3	West Huel Basset - - -	6,077	15	2	39,077	14	6
4	Huel Basset - - -	3,067	16	1	22,198	5	3
5	United Mines - - -	6,278	3	2	20,331	10	5
6	East Huel Basset - - -	1,858	20	2	18,360	5	10
7	Great Huel Busy - - -	5,444	5	1	16,983	9	1
8	South Huel Tolgus - - -	2,276	19	2	15,835	1	3
9	Great South Tolgus - - -	2,066	17	2	15,739	19	2
10	South Huel Francis - - -	2,227	9	1	13,618	2	6
11	Carn Brea - - -	3,172	15	0	11,745	10	7
12	North Downs - - -	1,415	6	0	11,652	10	8
13	Huel Seton - - -	2,634	3	0	11,601	11	1
14	North Roskear - - -	1,450	9	3	11,051	19	10
15	North Treskerby - - -	1,707	17	2	10,448	6	10
16	East Pool - - -	2,326	7	2	9,610	9	6
17	Huel Buller - - -	1,225	7	2	8,316	9	6
18	West Huel Damsel - - -	1,898	13	2	7,747	13	7
19	Rosewarne United - - -	793	1	1	6,790	19	10
20	Copper Hill - - -	1,001	19	0	5,844	16	1
21	Tincroft - - -	1,836	2	0	5,779	13	2
Carried forward - - -		63,815	10	0	355,961	10	1

West Central—continued.

No.	Names of Mines.	Copper Ore.			Value.		
		Tons. cwt. qrs.			£	s.	d.
	Brought forward -	63,815	10	0	355,961	10	1
22	Saint Day United -	1,387	13	2	5,702	12	0
23	Huel Charlotte -	798	18	3	5,693	15	11
24	Condurrow -	1,723	19	2	5,619	11	10
25	East Carn Brea -	657	20	2	5,051	0	3
26	Stray Park -	714	2	2	4,411	13	3
27	North Grambler -	479	3	0	4,163	13	9
28	East Rosewarne -	497	5	0	4,042	5	3
29	West Stray Park -	469	13	2	3,339	9	0
30	Huel Anna -	671	13	3	3,134	4	7
31	New Treleigh Consols -	539	3	0	3,086	3	7
32	Grambler and Saint Aubyn -	393	10	2	2,947	0	11
33	Tolcarne -	485	15	2	2,564	4	4
34	North Huel Basset -	505	20	2	2,404	15	9
35	South Huel Crofty -	477	20	0	1,973	6	4
36	Huel Agar -	331	4	2	2,094	9	5
37	Huel Unity Consols -	324	2	3	2,011	3	6
38	Perran -	400	19	3	2,121	2	11
39	Trefoil and Messer -	434	17	1	1,975	18	11
40	Trevoole -	696	12	1	1,956	15	3
41	Huel Harriet -	315	10	2	1,951	15	9
42	Camborne Vean and Huel Francis -	302	10	0	1,384	18	3
43	Dolcoath -	403	4	3	1,378	10	7
44	Pednandrea -	189	7	3	1,277	15	10
45	Tresavean and Tretharup -	448	17	0	1,244	1	4
46	North Huel Crofty -	325	20	2	1,231	19	3
47	South Crenver -	265	6	0	1,165	1	6
48	Huel Ellen -	305	8	3	1,115	14	11
49	Basset Consols -	191	15	0	981	17	9
50	New Huel Hender -	133	2	2	955	9	9
51	Clyjah and Wentworth -	180	10	2	829	9	0
52	South Huel Basset -	227	9	0	707	13	2
53	Prideaux Wood -	165	15	0	643	17	9
54	East Huel Tolgus -	130	7	2	602	17	5
55	Huel Grenville -	106	5	2	514	17	2
56	Huel Uny -	127	3	2	448	9	4
57	Camborne Consols -	54	14	0	357	7	10
58	Great Work -	19	18	0	263	10	11
59	Cook's Kitchen -	161	20	0	236	3	8
60	South Carn Brea -	40	10	3	191	2	2
61	Treworlis -	38	12	0	163	16	6
62	Falmouth and Sperries -	49	0	0	161	12	3
63	Huel Moyle -	104	10	2	159	10	2
64	Creegbrawse and Penkevil -	44	9	3	142	9	0
65	Harrow Barrow -	33	1	1	118	14	7
66	North Huel Busy -	14	18	0	101	8	0
67	North Downs and Huel Rose -	27	3	0	89	11	5
68	South Dolcoath -	5	10	2	85	18	9
69	Great Huel Fortune -	8	2	1	68	18	10
70	Huel Kitty—(St. Agnes) -	7	17	0	67	7	1
71	Huel Henry -	9	14	1	63	12	8
72	Huel Damsel -	9	1	0	43	12	7
73	West Huel Jane -	4	8	2	39	19	6
74	Great Huel Vor -	5	12	3	39	2	2
75	West Rosewarne -	4	7	0	21	2	6
76	South Huel Ellen -	8	15	3	18	18	3
77	East Grenville -	7	14	0	17	16	6
78	Trethellan -	6	3	0	13	7	2
79	Huel Trefusis -	3	16	3	10	6	11
80	Huel Trungle -	1	12	0	2	15	9
	Total -	80,300	0	3	439,172	10	9

EAST CENTRAL DISTRICT, including the SAINT AUSTELL, FOWEY, and
BODMIN MINES.

No.	Names of Mines.	Copper Ore.			Value.		
		Tons.	cwts.	qrs.	£	s.	d.
1	Par Consols - - -	3,508	15	2	30,040	2	9
2	Fowey Consols - - -	4,850	17	2	29,927	11	8
3	South Crinnis - - -	1,721	14	2	9,704	5	8
4	Huel Polmear - - -	848	3	2	5,516	5	3
5	E. Crinnis and S. Par Consols - - -	810	18	0	4,067	15	5
6	West Fowey Consols - - -	267	18	0	2,094	15	9
7	West Crinnis - - -	170	8	1	782	11	4
8	Great Crinnis - - -	178	16	2	709	18	3
9	Cuddra - - -	184	12	0	681	5	5
10	West Par Consols - - -	63	15	0	476	0	8
11	Boscundle - - -	8	8	0	98	9	6
12	St. Austell Consols - - -	11	2	0	58	10	6
13	Great Ouslow Consols - - -	8	12	0	39	12	10
	Total - - -	12,628	13	3	84,197	5	0

EASTERN DISTRICT, including the LISKEARD and EAST CORNWALL MINES
to the TAMAR.

No.	Names of Mines.	Copper Ore.			Value.		
		Tons.	cwts.	qrs.	£	s.	d.
1	South Caradon - - -	5,160	7	2	49,157	0	1
2	Phoenix - - -	4,733	7	2	34,189	10	2
3	West Caradon - - -	3,619	7	2	34,160	3	5
4	Marke Valley - - -	3,957	10	2	20,879	13	1
5	East Caradon - - -	2,218	10	2	16,837	6	3
6	Craddock Moor - - -	1,601	0	0	12,298	4	0
7	Gunnis Lake Clitters - - -	1,337	5	2	8,949	10	1
8	Holmbush - - -	1,199	1	2	8,079	7	8
9	Hingston Downs - - -	1,858	0	0	7,434	4	7
10	Huel Edward - - -	1,066	7	0	4,585	13	4
11	Gonamena - - -	919	10	2	4,376	0	10
12	Kelly Bray - - -	1,249	16	0	3,951	2	9
13	Hawk Moor - - -	511	14	2	2,449	5	8
14	Okel Tor - - -	444	19	0	1,562	17	9
15	Calstock Consols - - -	425	2	0	1,439	2	3
16	Huel Mary Great Consols - - -	221	18	2	1,405	19	6
17	Huel Arthur - - -	185	9	0	479	10	8
18	Trehill - - -	273	8	0	457	15	10
19	Drakewalls - - -	11	4	2	59	19	11
	Total - - -	30,993	12	2	212,752	7	10

DEVONSHIRE.

No.	Mines.	Copper Ore			Value.		
		Tons.	Cwts.	qrs.	£	s.	d.
1	Devon Great Consols - - -	20,587	20	2	103,713	17	11
2	Huel Friendship - - -	1,720	4	2	13,949	9	0
3	Bedford United - - -	2,440	13	2	13,132	9	10
4	Huel Crelake - - -	1,967	16	2	12,545	6	2
5	East Huel Russell - - -	1,484	19	2	10,138	6	9
6	Huel Emma - - -	1,824	17	0	7,381	13	7
7	North Huel Robert - - -	886	2	2	6,563	7	7
8	Lady Bertha - - -	1,469	12	2	5,656	13	0
9	Collacombe - - -	678	19	2	3,150	2	7
10	Sortridge Consols - - -	380	12	0	2,804	11	0
11	Devon and Cornwall - - -	813	10	2	2,477	2	2
12	East Gunnis Lake and South Bedford	798	9	0	2,133	16	4
13	Huel Franco - - -	211	0	0	1,170	13	11
14	Molland - - -	185	7	2	958	13	8
15	Devon Huel Buller - - -	107	0	0	595	19	9
16	Gawton - - -	176	4	2	566	7	4
17	Bedford Consols - - -	62	18	2	249	14	0
	Total - - -	35,795	20	0	187,188	4	7

SUMMARY OF COPPER ORE RETURNS, as made to the STANNARY COURT,
for the Year ending 29th September 1861.

No.	Names of Districts.	Copper Ore.			Value.		
		Tons.	cwts.	qrs.	£	s.	d.
	CORNWALL :—						
20	WESTERN DISTRICT - - -	13,031	10	3	66,643	6	8
80	WEST CENTRAL do. - - -	80,300	0	3	439,172	10	9
13	EAST CENTRAL do. - - -	12,628	13	3	84,197	5	0
19	EASTERN do. - - -	30,993	12	2	212,752	7	10
17	DEVONSHIRE - - -	35,795	20	0	187,188	4	7
149	Total - - -	172,749	15	3	989,953	14	10

CORNWALL AND DEVONSHIRE.

COPPER MINES SELLING ORES by Public Ticketings during the Year ending
December 1861.

WESTERN DISTRICT, including St. JUST, St. IVES, St. ERTH, and
Mines South.

No.	Mines.	Ore.	Copper.			Value.	Prod.
			Tons.	cwts.	qrs.		
1	Great Huel Alfred -	3,800	194	14	2 19	16,784	10 0
2	Alfred Consols -	1,538	95	0	0 13	8,500	6 6
3	Pendeen Consols -	1,653	78	8	0 24	6,162	1 6
4	Tolvadden -	1,353	74	6	0 12	6,464	17 6
5	Huel Margery -	1,094	68	1	3 13	6,155	10 6
6	Levant -	967	61	15	1 16	5,260	13 6
7	Treloweth -	704	61	1	2 19	5,572	0 6
8	Gonamena -	937	53	6	1 8	4,462	13 0
9	Botallack -	509	51	16	2 7	4,642	17 6
10	West Alfred Consols -	807	30	9	0 13	2,517	2 6
11	East Alfred Consols -	440	26	18	3 22	2,519	17 6
12	West Huel Trevelyan -	225	20	19	2 17	1,858	10 6
	Total -	14,027	816	13	2 15	70,901	1 0

WEST CENTRAL DISTRICT, including REDRUTH, GWENNAP, CAMBORNE,
and ST. AGNES MINES.

No.	Mines.	Ore.	Copper.	Value.			Prod.
		Tons.	Tons. cwt. qrs. lbs.	£	s.	d.	
1	West Huel Seton -	6,957	492 1 0 3	44,488	1	0	7½
2	Huel Clifford -	6,301	442 9 1 6	39,227	18	0	7
3	West Huel Basset -	5,998	406 15 1 0	35,766	1	0	6½
4	Great Huel Busy -	6,279	237 14 1 25	18,963	5	6	3½
5	Huel Basset -	2,931	231 19 0 0	21,079	2	0	7½ 1½
6	Clifford Amalgamated -	3,315	205 16 0 27	18,930	12	6	6½ 1½
7	South Huel Frances -	2,807	191 3 2 0	17,078	4	6	6½ 1½
8	East Basset -	1,799	184 2 3 21	16,736	7	0	10½ 1½
9	South Huel Tolgus -	2,281	172 5 3 2	15,844	17	0	7½ 1½
10	United Mines -	4,273	165 13 2 3	13,116	12	0	3½
11	Great South Tolgus -	1,681	141 16 1 12	13,076	17	0	8½ 1½
12	Carnbrea -	3,014	133 6 1 27	10,685	19	0	4½ 1½
13	North Downs -	1,492	132 8 1 27	12,179	4	0	8½
14	Huel Seton -	2,378	127 10 1 6	11,197	5	0	5½
15	East Pool -	2,435	120 6 0 4	10,208	14	0	4½ 1½
16	North Treskerby -	1,758	118 8 3 9	10,632	16	6	6½ 1½
17	North Roskear -	1,369	111 15 2 22	10,358	9	6	8½ 1½
18	Tywarnhaile -	2,351	102 3 1 6	8,519	7	0	4½ 1½
19	Saint Day United -	1,678	101 18 0 6	9,167	8	0	6 1½
20	Huel Damsel -	1,830	89 12 0 8	7,672	6	0	4½
21	Tincroft -	2,118	88 8 2 9	6,940	15	6	4½ 1½
22	Copper Hill -	1,285	86 4 0 0	7,665	18	0	6½ 1½
23	Huel Buller -	1,246	84 10 3 25	7,605	15	0	6½ 1½
24	Rosewarne United -	879	81 1 0 11	7,532	11	0	9½ 1½
25	Condurrow -	1,705	71 18 1 0	5,897	6	6	4½ 1½
26	Huel Charlotte -	741	61 8 0 22	5,599	1	6	8½
27	East Carn Brea -	802	61 4 0 9	5,691	15	0	7½
28	North Grambler -	511	45 0 1 0	4,125	7	0	8½ 1½
29	Stray Park -	622	40 14 3 26	3,530	0	0	6½ 1½
30	East Rosewarne -	474	39 9 2 8	3,642	9	6	8½ 1½
31	West Stray Park -	485	37 15 2 1	3,537	7	0	7½
32	New Treleigh Consols -	555	33 7 2 14	2,988	6	6	6
33	Huel Anna -	672	32 11 1 9	2,708	11	0	4½ 1½
34	North Basset -	566	31 13 0 17	2,721	16	6	5½ 1½
35	Tolcarne -	476	30 17 2 27	2,713	14	0	6½
36	Huel Agar -	364	26 18 2 13	2,476	14	6	7½ 1½
37	Camborne Vean -	451	23 19 1 19	2,068	6	6	5½ 1½
38	Huel Harriet -	344	23 7 1 21	2,135	19	0	6½
39	North Huel Crofty -	497	20 14 1 0	1,772	7	6	4½ 1½
40	Grambler and St. Aubyn -	254	19 11 0 5	1,773	18	6	7½ 1½
41	Dolcoath -	417	18 18 1 2	1,589	1	0	4½
42	South Crofty -	401	18 15 2 3	1,551	14	6	4½ 1½
43	Huel Unity Consols -	255	18 5 0 4	1,595	12	0	7½ 1½
44	Perran Mines -	339	16 18 1 21	1,411	5	0	5
45	Tresavean -	489	16 8 2 25	1,309	6	0	3½
46	South Crenver -	287	14 3 1 6	1,209	15	0	4½ 1½
47	Pednandrea -	180	13 10 1 25	1,175	18	6	7½
48	New Huel Hender -	128	10 17 0 20	992	11	0	8½
49	Huel Ellen -	233	10 9 3 18	865	7	6	4½
50	West Tolgus -	161	9 14 3 9	837	4	0	6 1½
51	Great Briggan -	140	9 1 1 4	802	4	0	6½ 1½
52	Huel Grenville -	140	8 10 1 2	721	10	6	6 1½
53	Clyjah and Wentworth -	171	8 9 2 16	712	6	0	5
54	South Huel Basset -	201	8 3 0 24	653	13	0	4 1½
55	Prideaux Wood -	166	7 13 3 11	614	18	0	4½
56	Treworlis -	138	7 10 0 26	683	16	6	5½ 1½
57	East Tolgus -	123	6 15 1 18	586	7	6	5½ 1½
58	Rosewarne Consols -	73	6 1 1 17	552	6	6	8½
59	Trehill -	210	5 8 0 9	343	0	6	2½ 1½
Total		82,226	5,064 8 3 10	446,265	3	6	

EAST CENTRAL DISTRICT, including ST. AUSTELL, FOWEY, and BODMIN MINES.

No.	Mines.	Ore.	Copper.	Value.			Prod.
		Tons.	Tons. cwt. qrs. lbs.	£	s.	d.	
1	Fowey Consols - -	4,919	348 1 2 13	29,552	9	6	7 $\frac{1}{8}$
2	Par Consols - -	3,401	321 0 3 8	29,423	6	6	9 $\frac{3}{8}$ $\frac{1}{8}$
3	South Crinnis - -	1,481	109 19 1 16	9,742	9	6	7 $\frac{3}{8}$ $\frac{1}{8}$
4	Huel Polmear - -	856	65 13 0 11	5,679	6	0	7 $\frac{3}{8}$ $\frac{1}{8}$
5	East Crinnis and South Par - - - }	909	57 11 0 15	4,988	18	0	6 $\frac{1}{2}$ $\frac{1}{8}$
6	Trevoole - -	658	24 14 2 1	1,933	19	6	3 $\frac{3}{4}$
7	West Fowey Consols -	207	17 13 1 0	1,624	8	6	8 $\frac{1}{2}$
8	Cuddra - -	306	12 3 2 10	952	7	6	4
9	Great Crinnis - -	183	8 16 2 27	745	9	0	4 $\frac{3}{4}$ $\frac{1}{8}$
	Total -	12,920	965 10 0 17	84,642	14	0	

EASTERN DISTRICT, including LISKEARD and EAST CORNWALL MINES to the TAMAR.

No.	Mines.	Ore.	Copper.	Value.			Prod.
		Tons.	Tons. cwt. qrs. lbs.	£	s.	d.	
1	South Caradon - -	4,777	502 4 1 15	45,071	2	6	10 $\frac{1}{2}$
2	Phoenix - - -	5,337	429 0 2 4	37,064	5	0	8
3	West Caradon - -	3,166	312 16 1 19	28,185	11	6	9 $\frac{1}{8}$
4	East Caradon - -	2,773	228 10 1 5	20,419	4	6	8 $\frac{1}{4}$
5	Marke Valley - -	3,983	228 9 3 1	20,342	2	6	5 $\frac{3}{8}$ $\frac{1}{8}$
6	Craddock Moor - -	1,755	149 6 3 15	13,479	5	6	8 $\frac{1}{2}$
7	Hingston Downs -	1,876	95 19 0 8	8,061	19	0	5 $\frac{1}{8}$
8	Holmbush - - -	1,495	95 15 3 6	8,315	15	0	6 $\frac{3}{8}$ $\frac{1}{8}$
9	Huel Edward - -	1,363	65 6 1 5	5,314	4	0	4 $\frac{3}{4}$
10	Okel Tor - - -	1,198	45 10 0 1	3,632	5	0	3 $\frac{3}{4}$
11	Gunnis Lake - -	548	40 7 3 13	3,448	4	6	7 $\frac{3}{8}$
12	Kelly Bray - -	988	37 11 2 26	2,912	15	0	3 $\frac{3}{8}$ $\frac{1}{8}$
13	Hawkmoor - - -	462	26 4 3 25	2,226	19	6	5 $\frac{1}{2}$ $\frac{1}{8}$
14	Calstock Consols -	561	23 2 1 10	1,869	16	0	4 $\frac{1}{4}$
15	Devon and Cornwall -	621	23 5 3 0	1,791	19	0	3 $\frac{3}{4}$
16	Huel Mary Great Consols - - - }	162	10 13 0 18	863	5	0	6 $\frac{1}{2}$ $\frac{1}{8}$
17	Huel Arthur - -	194	8 7 0 27	633	7	0	4 $\frac{1}{4}$ $\frac{1}{8}$
	Total -	31,259	2,322 5 2 2	203,682	0	6	

DEVONSHIRE.

No.	Mines.	Ore.	Copper.	Value.	Prod.
		Tons.	Tons. cwt. qrs. lbs.	£ s. d.	
1	Devon Great Consols -	20,801	1,178 9 1 2	103,072 11 0	5½ 1/8
2	Huel Crelake - -	2,156	149 13 0 11	12,923 16 0	6½ 1/8
3	Bedford United - -	2,449	145 1 2 22	12,476 4 6	5½ 1/8
4	Huel Friendship - -	1,661	143 10 0 13	12,885 14 6	8½
5	East Huel Russell -	1,416	95 12 2 19	8,198 8 6	6½
6	Huel Emma - -	1,849	84 12 2 27	6,903 11 0	4½ 1/8
7	North Huel Robert -	961	75 17 2 18	6,632 7 0	7½
8	Great Huel Martha -	1,722	61 10 1 25	4,656 19 6	3½ 1/8
9	Lady Bertha - -	1,289	52 5 2 10	4,070 14 0	4 1/8
10	Sortridge Consols -	470	42 19 2 13	3,767 18 6	9½
11	Collacombe - -	694	39 19 1 12	3,334 5 6	5½
12	South Bedford - -	775	28 16 3 26	2,182 10 6	3½
13	Brookwood - -	269	17 14 1 11	1,561 18 0	6½ 1/8
14	Yarner Mine - -	411	15 3 0 15	1,240 15 0	4½ 1/8
15	Huel Franco - -	243	13 19 0 5	1,236 4 6	5½ 1/8
16	Fursdon - -	175	11 6 1 19	1,036 5 0	6½ 1/8
17	Bampfylde - -	51	8 13 1 16	849 3 0	16½ 1/8
18	Gawton - -	199	8 10 2 22	675 11 0	4½
19	Molland - -	120	7 4 0 0	628 10 0	6
	Total -	37,659	2,180 10 1 6	188,333 7 0	

PURCHASES of the several COPPER COMPANIES at the CORNISH TICKETINGS for the Year ending December 1861.

Purchasers.	Ore.	Copper.	Amount.	Prod.	Standard.
	Tons.	Tons. cwt. qrs. lbs.	£ s. d.		
Mines Royal Co. -	3,776	197 13 2 8	17,085 8 1	5½	138 18
Vivian and Sons -	25,486	1,611 3 0 21	140,363 13 2	6½ 1/8	130 12
Freeman and Co. -	11,335	677 13 0 27	59,052 14 0	5½ 1/8	133 2
P. Grenfell and Sons -	18,965	1,457 16 1 24	130,712 8 2	7½ 1/8	125 8
Sims, Williams, and Co.	19,495	1,297 2 0 19	112,063 5 11	6½ 1/8	127 14
Williams, Foster, and Co.	30,582	2,222 7 2 20	199,844 8 11	7½	127 15
Mason and Elkington -	23,684	1,466 6 3 16	128,071 13 7	6½ 1/8	131 15
Frederick Bankart -	8,250	490 2 1 0	42,680 10 3	5½ 1/8	133 7
Copper Miners Co. -	17,509	1,141 6 3 9	99,710 0 2	6½	129 10
Charles Lambert -	9,925	415 12 1 6	33,386 2 5	4½ 1/8	146 0
Newton, Keates, and Co.	2,043	134 16 3 20	11,884 15 4	6½	129 15
Alkali Co. (limited) -	175	4 8 1 4	307 7 8	2½	179 1
Sweetland, Tuttle, and Co. }	9,553	369 10 3 7	29,753 5 4	3½	151 12
Total -	180,778	11,486 0 2 13	1,004,915 13 0	6½	130 15
Decrease this year -	105	311 4 1 19	—	—	—

**SUMMARY of the COPPER SALES at the PUBLIC TICKETINGS, CORNWALL
and DEVONSHIRE. (Ton of Ore 21 cwt.)**

No. of Mines.	Districts.	Ore.	Copper.	Value.	Prod.
		Tons.	Tons. cwt. qrs. lbs.	£. s. d.	
	CORNWALL :—				
12	WESTERN DISTRICT -	14,027	816 13 2 15	70,901 1 0	
59	WEST CENTRAL do. -	82,226	5,064 8 3 10	446,265 3 6	
9	EAST CENTRAL do. -	12,920	965 10 0 17	84,642 14 0	
17	EASTERN do. -	31,259	2,322 5 2 2	203,682 0 6	
19	DEVONSHIRE -	37,659	2,180 10 1 6	188,333 7 0	
	Sundry sales below 5 tons of metal in the year - - -	2,687	136 15 0 19	11,091 7 0	5
116	Total -	180,778	11,486 0 2 13	1,004,915 13 0	6½

SWANSEA.

**COPPER ORES, from BRITISH, COLONIAL, and FOREIGN MINES, sold at the
PUBLIC SALES, 1861.**

IRISH MINES.

Mines.	Ore.	Copper.	Value.	Produce.
	Tons.	Tons. cwt. qrs. lbs.	£. s. d.	
Bearhaven - - - -	6,863	724 10 3 3	66,089 14 0	10½ 1½
Knockmahon - - - -	6,670	667 8 0 25	61,438 3 0	10
Ballycummisk - - - -	371	37 10 3 12	3,474 10 0	10½
Valencia - - - -	67	15 13 1 4	1,563 0 6	23½
Total -	13,971	1,445 1 0 16	132,565 7 6	

ENGLISH AND WELSH MINES.

Mines.	Ore.	Copper.	Value.	Produce.
	Tons.	Tons. cwt. qrs. lbs.	£. s. d.	
Huel Maria - - - -	816	177 5 1 5	16,536 16 0	21½
Laxey - - - -	731	47 18 0 21	4,353 1 6	6½ 1½
Lochwinnoch - - - -	401	19 14 0 6	1,751 12 6	4½ 1½
Dyliffe - - - -	115	8 4 3 14	703 7 6	7½ 1½
Total -	2,063	253 0 1 18	23,344 17 6	

FOREIGN AND COLONIAL MINES.

Mines.	Ore.	Copper.	Value.			Produce.
	Tons.	Tons. cwt. qrs. lbs.	£	s.	d.	
Cobre - - - -	11,776	1,824 16 0 25	166,971	0	6	15 $\frac{3}{4}$ $\frac{1}{16}$
Cuba - - - -	3,301	506 9 3 25	45,494	15	6	15 $\frac{1}{4}$ $\frac{1}{16}$
Ookip - - - -	758	255 3 0 21	24,063	5	0	33 $\frac{3}{8}$ $\frac{1}{16}$
Chili - - - -	660	149 9 1 26	12,762	1	6	22 $\frac{3}{8}$
Australian - - - -	499	135 4 0 21	11,849	11	6	27 $\frac{1}{16}$
Springbok - - - -	402	131 5 0 9	12,211	14	0	32 $\frac{3}{8}$
Union Precipitate - -	133	77 7 2 3	6,374	10	6	58 $\frac{3}{8}$ $\frac{1}{16}$
Del Soto - - - -	403	77 2 1 5	7,234	10	6	19 $\frac{3}{8}$
French Ore - - - -	703	43 2 3 0	3,590	14	0	6 $\frac{3}{8}$
Great Northern Company of } South Australia - - }	136	31 16 2 27	2,969	6	0	23 $\frac{3}{8}$ $\frac{1}{16}$
African - - - -	404	31 5 3 21	2,695	18	0	7 $\frac{3}{4}$
Walleroo - - - -	135	26 2 2 15	2,277	19	0	19 $\frac{3}{8}$
South Australian - - -	78	22 1 2 27	2,118	0	6	28 $\frac{1}{4}$ $\frac{1}{16}$
Virgin Gorda - - - -	147	19 14 1 15	1,859	13	0	13 $\frac{3}{8}$
Sestri - - - -	122	17 0 2 2	1,631	11	6	14
English and Canadian Mining } Company - - - }	77	16 15 1 16	1,566	6	0	21 $\frac{3}{4}$
Seville - - - -	133	14 1 0 10	1,265	15	6	15 $\frac{1}{4}$ $\frac{1}{16}$
Turkish Ore - - - -	113	13 6 2 16	1,226	10	0	11 $\frac{3}{4}$ $\frac{1}{16}$
Appeanella - - - -	41	13 2 2 26	1,111	14	6	32 $\frac{1}{16}$
Great Barrier - - - -	64	9 7 0 22	873	12	0	14 $\frac{3}{8}$
Almeria - - - -	57	8 9 1 4	821	10	6	14 $\frac{3}{4}$ $\frac{1}{16}$
Hunterdon - - - -	101	7 19 1 19	692	13	0	7 $\frac{7}{8}$
Garrucha - - - -	84	7 5 2 18	634	18	0	8 $\frac{5}{8}$ $\frac{1}{16}$
Genoese - - - -	37	5 17 2 25	587	8	0	15 $\frac{7}{8}$ $\frac{1}{16}$
Precipitate - - - -	12	5 16 1 16	503	2	0	48 $\frac{1}{4}$ $\frac{1}{16}$
Estrella - - - -	117	5 4 2 14	469	11	6	4 $\frac{1}{2}$
Total - - -	20,493	3,454 19 3 8	313,857	12	0	

REGULUS AND SUNDRIES.

Mines.	Ore.	Copper.	Value.			Produce.
	Tons.	Tons. cwt. qrs. lbs.	£	s.	d.	
British Regulus - -	144	33 1 3 26	3,147	12	6	23
Worthing Regulus - -	64	25 7 3 16	2,435	2	6	39 $\frac{5}{8}$ $\frac{1}{16}$
Regulus - - - -	29	13 8 3 4	1,276	14	0	46 $\frac{3}{8}$
Spanish Ores and Regulus -	82	10 9 1 21	924	1	6	12 $\frac{3}{8}$ $\frac{1}{16}$
	319	82 7 0 11	7,783	10	6	
Sundries - - - -	809	70 16 1 0	6,266	3	0	8 $\frac{5}{8}$ $\frac{1}{16}$
Total - - -	1,128	153 2 1 11	14,049	13	6	

SUMMARY of SALES at SWANSEA in 1861.

COUNTRIES, &c.	Ore.	Copper.	Value.		Produce.
	Tons.	Tons. cwts. qrs. lbs.	£	s. d.	
IRELAND - - - -	13,971	1,445 1 0 16	132,565	7 6	
ENGLAND and WALES - -	2,063	253 0 1 18	23,344	17 6	
FOREIGN AND COLONIAL -	20,493	3,454 19 3 18	313,857	12 0	
Regulus - - - -	319	82 7 0 11	7,783	10 6	
Sundries - - - -	809	70 16 1 0	6,266	3 0	8½ 18
Total - - -	37,655	5,306 2 2 25	483,817	10 6	14½ 18

PURCHASES of the several COPPER COMPANIES at the PUBLIC TICKETINGS at SWANSEA, for the Year ending December 1861.

Purchasers.	Ore.	Copper.	Value.		Prod.	Standard.
	Tons.	Tons. cwts. qrs. lbs.	£	s. d.		
Copper Miners Co. -	3,062	413 13 0 23	37,916	1 6	13½	108 6
Freeman and Co. -	3,135	444 0 2 3	40,722	15 0	14½ 18	107 11
P. Grenfell and Sons -	5,787	816 12 0 4	72,987	0 11	14½	106 10
Sims, Wilyams, and Co.	3,495	686 13 2 4	62,014	17 3	19½	101 15
Vivian and Sons -	6,774	863 0 2 4	79,209	2 9	12½ 18	109 8
Williams, Foster, and Co.	8,565	1,190 8 0 18	109,286	19 5	13½	107 19
Mines Royal Co. -	1,434	207 13 1 0	18,970	14 5	14½ 18	106 17
British and Foreign } Copper Co. - - }	200	22 9 0 21	2,040	16 0	11½ 18	110 18
Mason and Elkington -	872	128 7 3 27	11,919	13 6	14½ 18	108 2
Frederick Bankart -	1,583	262 6 1 11	23,721	11 9	16½ 18	104 0
Charles Lambert -	1,165	67 7 1 6	5,623	4 6	5½	122 8
Sweetland, Tuttle, and } Co. - - - }	1,583	203 10 2 16	18,404	13 6	12½	107 18
Total -	37,655	5,306 2 2 25	483,817	10 6	14½ 18	107 2
Decrease this year -	2,003	647 16 2 13				

PURCHASES of the several Copper Companies by PRIVATE CONTRACT in the Half Year and Year ending with December 1861.

Purchasers.	Ore.	Copper.				Ore.	Copper.			
	Half Year ending June..					Half Year ending December.				
	Tons.	Tons.	cwt.	qrs.	lbs.	Tons.	Tons.	cwts.	qrs.	lbs.
Vivian and Sons	12,502	2,044	9	0	18	6,654	976	10	1	2
P. Grenfell and Sons	3,555	979	19	2	14	4,387	886	1	1	21
Sims Willyams and Co.	4,478	1,187	19	0	8	3,740	1,053	1	2	12
Williams, Foster, and Co.	—	1,540	0	0	0	—	1,792	0	0	0
Copper Mining Co.	—	399	0	3	18	—	331	11	0	23
British and Foreign Copper Co.	5,980	740	0	0	0	6,200	750	0	0	0
Mona Mining Co.	—	193	14	2	2	—	369	13	3	15
	26,515	7,085	0	1	4	20,981	6,158	17	1	17

SUMMARY.

	Tons.	Tons	cwts.	qrs.	lbs.
Copper purchased half-year ending June -	26,515	7,085	0	1	4
Do. do. do. ending December -	20,981	6,158	17	1	17
Total private Contract purchases for 1861 -	47,496	13,243	17	2	21

COPPER ORES sold by PRIVATE CONTRACT of which Returns have been obtained from the Mines.

County.	Name of Mine.	Ore.	Fine Copper. Estimates.	Value of Ore.
		Tons.cwts.qrs.	Tons.cwts.qrs.	£ s. d.
LANCASHIRE -	Coniston - -	2,210 10 3	154 10 0	17,104 3 9
GUMBERLAND -	Greenbourn - -	59 10 0	7 13 1	600 8 0
	Dry Burn Vein -	15 6 0	1 3 0	57 10 0
	Alston, Slaggy-burn -	16 1 0	2 11 1	202 0 0
	Roughtengill -	14 0 0	1 0 0	58 0 0
Mines near Keswick -	Haygill - -	0 12 0	0 0 3	2 0 0
	Driggith - -	15 10 0	1 0 2	55 0 0
CHESHIRE -	Alderley Edge, (Precipitate.)	335 14 0	215 2 2	18,411 19 2
CARNARVONSHIRE	Llandudno Old Mine	1,135 8 1	34 0 0	—
	Llandudno New Mine	107 1 0	3 2 0	—
	Drws-y-Coed - -	111 0 0	9 19 0	667 0 0
	Symdde Dylluan -	370 7 0	37 0 0	2,590 0 0
	Cwmdule - -	356 2 0	24 18 0	1,432 0 0
CARDIGANSHIRE	Dalrhiw - -	—	—	—
	Cardigan Consols -	41 0 0	3 8 1	485 0 0
	Darren, South -	26 10 0	1 15 1	158 0 0
ANGLESEA -	Mona Mine -	2,215 14 0	82 16 0	—
	Do. (Precipitate)	887 18 3	64 15 3	—
	Pary's Mine -	5,260 2 0	295 17 2	13,620 0 0
	Do. (Precipitate)	399 0 0	41 17 0	3,103 0 0
	Cefn Dhu - -	30 0 0	1 13 0	75 0 0
ISLE OF MAN -	Laxey - -	699 10 7	42 0 0	4,172 1 5
	Brada Mines - -	54 7 0	3 2 0	257 17 5
IRELAND -	Ballymurtagh -	1,500 0 0	22 10 0	1,968 0 0
	(Precipitated) -	10 0 0	—	—
	Ballygahan -	40 0 0	0 8 0	—
	Gurtnadyne -	42 0 0	2 1 0	—
	Schull Bay - -	49 0 0	2 3 0	473 5 2
	Total - -	16,001 19 1	1,056 3 0	—

* Shipped at Carnarvon from these three Mines during 1861, 837 tons of copper ore.

It may be convenient to many to possess, without its being delayed, the
GENERAL SUMMARY of the current HALF YEAR, ending June 1862.

IN CORNWALL.

Purchasers.	Ore.	Copper.	Amount.	Prod.	Standard.
	Tons.	Tons. cwt. qrs. lbs.	£ s. d.		
Vivian and Sons -	12,641	855 1 2 26	68,088 7 10	62 $\frac{1}{2}$	120 $\cdot$ 5
Freeman and Co. -	6,332	402 4 2 12	32,882 19 7	68 $\frac{1}{2}$	125 $\cdot$ 0
P. Grenfell and Sons -	8,981	679 9 0 18	56,770 14 5	71 $\frac{1}{2}$	119 $\cdot$ 18
Sims, Wilyams, and Co.	11,783	762 7 0 27	61,086 3 3	68 $\frac{1}{2}$	122 $\cdot$ 12
Williams, Foster, and Co.	15,754	1,128 9 3 11	93,267 0 0	78 $\frac{1}{2}$	121 $\cdot$ 0
Mason and Elkington -	11,562	712 6 2 21	57,012 13 11	68 $\frac{1}{2}$	124 $\cdot$ 13
Bankart and Sons -	4,000	227 10 2 13	17,929 10 8	58 $\frac{1}{2}$	127 $\cdot$ 2
Copper Miners Co. -	7,593	441 5 2 20	35,013 9 2	52 $\frac{1}{2}$	126 $\cdot$ 13
Charles Lambert -	8,677	348 5 1 4	25,487 15 2	4	141 $\cdot$ 14
Newton, Keates, and Co.	646	49 1 2 8	4,131 4 3	7 $\frac{1}{2}$	120 $\cdot$ 6
Sweetland, Tuttle, and Co. }	5,463	221 1 1 4	16,620 17 3	4	143 $\cdot$ 3
	93,432	5,827 3 2 24	468,290 15 6	68 $\frac{1}{2}$	124 $\cdot$ 9
Increase this half year	242	—	—	—	—
Decrease "	—	20 11 1 25	—	—	—

AT SWANSEA.

Purchasers.	Ore.	Copper.	Amount.	Prod.	Standard.
	Tons.	Tons. cwt. qrs. lbs.	£ s. d.		
Copper Miners Co. -	1,913	268 2 1 0	23,145 4 3	14	102 $\cdot$ 7
Freeman and Co. -	1,878	300 7 3 25	26,069 12 5	16	100 $\cdot$ 16
P. Grenfell and Sons -	4,141	644 0 3 23	55,723 18 5	154 $\frac{1}{2}$	100 $\cdot$ 19
Sims, Wilyams, and Co.	2,210	504 13 0 2	43,813 17 9	223 $\frac{1}{2}$	96 $\cdot$ 13
Vivian and Sons -	5,681	733 18 0 22	62,640 1 3	124 $\frac{1}{2}$	102 $\cdot$ 15
Williams, Foster, and Co.	5,397	734 4 3 6	63,136 0 11	138 $\frac{1}{2}$	102 $\cdot$ 10
Mines Royal Co. -	68	4 16 3 16	425 0 0	7 $\frac{1}{2}$	119 $\cdot$ 3
British and Foreign Copper Co. }	388	47 14 3 10	4,069 3 3	124 $\frac{1}{2}$	103 $\cdot$ 10
Mason and Elkington	1,017	153 4 0 14	13,212 5 6	15	101 $\cdot$ 3
Bankart and Sons -	457	83 10 2 2	7,091 8 0	18 $\frac{1}{2}$	97 $\cdot$ 3
Charles Lambert	340	39 14 2 2	3,554 15 0	118 $\frac{1}{2}$	108 $\cdot$ 13
Sweetland, Tuttle, and Co. }	1,030	157 10 2 8	13,494 5 9	154 $\frac{1}{2}$	100 $\cdot$ 7
Jennings and Co. -	318	49 8 2 4	4,353 4 6	154 $\frac{1}{2}$	102 $\cdot$ 9
	24,838	3,721 7 0 22	320,728 17 0	147 $\frac{1}{2}$	101 $\cdot$ 4
Increase this half year	6,216	1,182 8 1 22	—	—	—

IMPORTS AND EXPORTS OF COPPER.

COPPER imported into the UNITED KINGDOM in the Year 1861, and two previous Years.

Countries from which imported.		1859.	1860.	1861.
		Tons.	Tons.	Tons.
Copper Ore	{ Spain - -	5,824	4,658	3,457
	{ Cuba - -	16,405	16,605	16,890
	{ Chili - -	21,842	30,576	24,307
	{ Australia - -	7,884	8,465	7,709
	{ Other Countries - -	19,322	15,981	21,860
Totals -		71,277	76,285	74,163
Copper Regulus	{ Chili - -	10,657	17,424	18,107
	{ Other Countries - -	2,521	3,608	2,210
Totals -		13,178	21,032	20,317
Copper, unwrought and part wrought	{ Chili - -	6,709	7,241	5,710
	{ Australia - -	1,993	1,752	2,597
	{ Other Countries - -	2,201	2,760	7,481
	Totals -	10,903	11,753	15,788

SUMMARY OF COPPER IMPORTS.

Description.		1859.	1860.	1861.
		Tons.	Tons.	Tons.
Copper Ore	- - - -	71,277	76,285	74,163
„ Regulus	- - - -	13,178	21,032	20,317
„ unwrought and part wrought	- - - -	10,903	11,753	15,788
Totals -		95,358	109,070	110,268

EXPORTS OF BRITISH COPPER,
For the Year 1861, and two previous Years.

Description.		Countries.	1859.	1860.	1861.
			Cwts.	Cwts.	Cwts.
Copper, unwrought and part wrought	{	Holland - -	3,944	9,181	6,762
	{	Belgium - -	12,681	10,266	7,831
	{	France - -	87,637	95,172	48,466
	{	Other Countries - -	22,722	24,992	24,877
Totals -			126,984	139,611	87,936
Copper, Sheets and Nails, including Mixed or Yellow Metal.	{	Hanse Towns - -	23,401	21,386	24,653
	{	Holland - -	24,574	24,131	19,437
	{	Turkey - -	5,379	5,689	2,358
	{	United States - -	22,672	11,589	3,134
	{	British East Indies - -	115,941	171,300	125,831
Other Countries - -			94,943	110,517	121,891
Totals -			286,910	344,612	297,304
Copper, wrought, or other sorts		- - -	40,561	38,113	47,197

EXPORTS OF FOREIGN AND COLONIAL COPPER,

In the Year 1861, and two previous Years.

Description.	1859.	1860.	1861.
	Cwts.	Cwts.	Cwts.
Copper, unwrought, and part wrought -	47,936	73,516	78,459

SUMMARY OF COPPER EXPORTS,

In the Year 1861, and two previous Years.

Description.	1859.	1860.	1861.
	Cwts.	Cwts.	Cwts.
Copper, unwrought, &c. - - -	126,984	139,611	87,936
„ Sheets, Nails, &c. - - -	286,910	344,612	297,304
„ wrought or other Sorts - -	40,561	38,113	47,197
„ Foreign and Colonial - - -	47,936	73,516	27,459
Totals - - -	502,391	595,852	459,896

1861.

LEAD AND SILVER.

The Total Quantity of LEAD ORE raised in the UNITED KINGDOM, of LEAD produced, and SILVER separated, as follows :—

LEAD ORE	-	-	90,696 Tons	7 Cwts.
LEAD	-	-	65,643 „	15 „
SILVER	-	-	569,530 Ounces.	

The prices of Lead Ore at the Holywell sales were as follows, rejecting a few low-priced parcels :

	Months.	Highest.	Lowest.
		£ s. d.	£ s. d.
January	- - - -	14 18 6	12 15 0
February	- - - -	14 6 0	11 2 6
March	- - - -	14 6 6	12 0 6
April	- - - -	13 18 6	10 6 0
May	- - - -	14 16 6	11 17 0
June	- - - -	14 1 6	11 0 0
July	- - - -	13 2 6	10 4 0
August	- - - -	12 14 0	10 10 0
September	- - - -	13 12 6	10 5 6
October	- - - -	14 8 6	10 7 6
November	- - - -	14 7 6	10 7 6
December	- - - -	13 12 6	11 7 6

			£ s. d.
Highest price	-	-	14 16 6
Lowest price	-	-	10 4 0
Mean price	-	-	12 10 7

The value of the LEAD ORE raised in the United Kingdom will therefore be,—

£1,136,249 10s.

The prices of Pig Lead give the average as £22 0s. 4d.

The market value of the METALLIC LEAD produced was, therefore,—

£1,445,255 0s.

The average price of Bar Silver was 5s. 0½d. per ounce ; therefore the produce from British Mines had a value of,—

£144,161 17s.

LEAD.

MARKET PRICES of ENGLISH PIG and SHEET, being the average for each Week during the Year 1861.

For the Week ending	English Pig.	English Sheet.	For the Week ending	English Pig.	English Sheet.
	£ s. d.	£ s. d.		£ s. d.	£ s. d.
January 4 -	22 0 0	22 7 6	July 5	20 17 6	21 10 0
" 11 -	22 0 0	22 7 6	" 12	20 17 6	21 10 0
" 18 -	22 0 0	22 7 6	" 19	20 10 0	21 10 0
" 25 -	21 17 6	22 7 6	" 26	20 0 0	21 10 0
February 1 -	21 17 6	22 10 0	August 2	20 0 0	21 10 0
" 8 -	21 17 6	22 2 6	" 9	20 0 0	21 10 0
" 15 -	21 17 6	22 2 6	" 16	20 0 0	20 10 0
" 22 -	21 17 6	22 2 6	" 23	20 7 6	20 10 0
March 1 -	21 17 6	22 2 6	" 30	20 7 6	20 10 0
" 8 -	21 15 0	22 2 6	September 6	20 7 6	20 7 6
" 15 -	21 15 0	22 0 0	" 13	20 7 6	20 7 6
" 22 -	21 15 0	22 0 0	" 20	20 7 6	20 7 6
" 29 -	21 15 0	22 0 0	" 27	20 7 6	20 7 6
April 5 -	21 12 6	22 0 0	October 4	20 7 6	20 7 6
" 12 -	21 12 6	22 0 0	" 11	20 10 0	20 7 6
" 19 -	21 12 6	21 17 6	" 18	20 5 0	20 7 6
" 26 -	21 12 6	21 17 6	" 25	20 5 0	20 10 0
May 3 -	21 10 0	21 17 6	November 1	20 15 0	21 15 0
" 10 -	21 7 6	21 17 6	" 8	20 15 0	20 15 0
" 17 -	21 7 6	21 17 6	" 15	20 15 0	20 15 0
" 24 -	21 2 6	21 15 0	" 22	20 15 0	21 0 0
June 31 -	21 2 6	21 15 0	" 29	20 12 6	21 0 0
" 7 -	21 2 6	21 15 0	December 6	20 10 0	21 0 0
" 14 -	21 2 6	21 15 0	" 13	20 10 0	21 0 0
" 21 -	21 2 6	21 15 0	" 20	20 10 0	21 0 0
" 28 -	20 17 6	21 12 6	" 27	20 10 0	21 0 0

	English Pig.	English Sheet.
	£ s. d.	£ s. d.
Highest Price -	22 0 0	22 10 0
Lowest Price -	22 0 0	20 7 6
Mean Average Price -	21 0 4	21 9 0

No.	COUNTY, &c.	Names of Mines.	Lead Ore.	Lead.	Silver.
		ENGLAND.	Tons. cwts.	Tons. cwts.	Ozs.
	CORNWALL.				
1	West Division.	Basset Consols - -	14 4	9 4	144
2		Budnick Consols - -			
3		Cargol - - - -	1025 20	667 0	12,670
4		Carn Vivian - - -	1052 0	758 0	7,580
5		East Huel Falmouth - -			
6		East Huel Golden - -	15 0	11 10	181
7		East Huel Rose - -	147 0	66 0	2,376
8		Falmouth and Sperries - -	8 2	5 5	84
9		Great Huel Baddern - -			
10		Great Huel Alfred - -	1 4	0 16	12
11		Huel Anna and Guskus - -			
12		Huel Emily - - -			
13		Huel Rose - - -	2 11	1 13	26
14		Huel Anna - - -			
15		Huel Margery - - -	1 19	1 4	20
16		Huel Trungle - - -	0 18	0 12	10
17		Penhaldarva - - -	4 8	3 3	61
18		South Cargol - - -			
19		South Huel Ellen - -			
20		South Garras - - -	54 0	38 0	1,047
21		Trevissa - - -			
22		West Alfred Consols - -	2 20	1 16	28
23	East Division.	Calstock Consols - -	11 2	7 0	140
24		Great Crinnis - - -			
25		Great Work - - -	0 11	0 6	
26		Herodsfoot - - -	635 0	331 0	28,797
27		Holmbush - - -	46 7	29 0	1,044
28		Huel Ludcott - - -	493 0	368 0	24,068
29		Huel Jane - - -	34 15	19 0	1,102
30		Huel Trehane - - -			
31		Huel Mary Anne - - -	1135 0	675 0	42,761
32		Huel Trelawney - - -	798 0	495 0	31,150
33		Huel Wrey Consols - -	394 0	263 0	5,920
34		New Crow Hill - - -	20 10	12 0	175
35		North Huel Trelawney - -	63 11		
36		North Wrey - - -			
37		Redmoor - - -			
38		Saint Austell Consols - -			
39		Silver Vein - - -	3 11	2 13	40
40		South Crinnis - - -			
41		Trebisken Green and } Mount Mine - - }	7 9	5 2	80
42		Trewethia - - -	10 9	7 0	112
43		West Chiverton - - -	706 0	450 0	13,700
44		West Huel Crinnis - -	1 12	1 0	16
		Total of Ore, 6,690 tons 14 cwts.			
		Total of Lead, 4,228 tons 20 cwts.			
		Total of Silver, 173,344 ozs.			

No.	COUNTY, &c.	Names of Mines.	Lead Ore.	Lead.	Silver.
			Tons, cwt.	Tons, cwt.	Ozs.
1	DEVONSHIRE.*	East Tamar Consols -	20 0	12 0	376
2		Exmouth Mine -	553 0	347 0	3,817
3		Frank Mills -	961 4	615 0	3,690
4		Huel Crelake -	220 0	163 0	1,956
5		Huel Friendship -	1 20	1 7	
6		North Huel Friendship -	7 3	4 4	
7		North Exmouth -			
8		South Huel Betsy -			
9		South Tamar Consols -			
10		Tamar Mines -	475 0	285 0	15,902
11		Tamar Silver Lead -	524 10	363 17	19,446
		Total of Ore, 2,762 tons 16 cwt.			
		Total of Lead, 1,791 tons 7 cwt.			
		Total of Silver, 43,187 ozs.			
	SOMERSETSHIRE.				
1	Mendip Hills†	Charterhouse -	60 0	330 0	850
2		Chewton Maundry -			
3		Tar Hole -			
4		Priddy -	800 0		
		Total of Ore, 860 tons.			
		Total of Lead, 330 tons.			
		Total of Silver, 850 ozs.			
1	SHROPSHIRE.	Round Hill -	291 15	231 0	
2		Snailbeach -	3,154 0	2,520 5	
3		Hope Valley -	12 0	9 10	
4		Bat Holes -	61 18	42 17	
5		Stiperstones -	534 3	373 16	
6		New Venture -			
7		Potter's Pit -			
8		Pennerley -			
9		South Bog -			
10		Rorington -			
11		White Grit Mines -	292 6	204 0	
12		Ritton Castle -			
13		Bog Mine -	35 0	26 0	
14		Roman Gravels -	215 0	124 14	1,162
15		Lady Eleanor -	20 0	15 10	155
		Total of Ore, 4,616 tons 0 cwt.			
		Total of Lead, 3,547 tons 9 cwt.			
		Total of Silver, 1,317 ozs.			
	DERBYSHIRE.				
		Returns from the Lead Smelters.	7,376 12	5,178 9	1,000
		Total of Ore, 7,376 tons 12 cwt.			
		Total of Lead, 5,178 tons 9 cwt.			
		Total of Silver, 1,000 ounces.			

* From Teignmouth 1,668 tons of Lead ore were shipped in 1861.

† Ore and Slimes.

No.	COUNTY, &c.	Names of Mines.	Lead Ore.	Lead.	Silver.
			Tons, cwts.	Tons, cwts.	Ozs.
1	YORKSHIRE.	Braithwaite - - -	77 2	53 10	374
2	AIREDALE	Cononley Mines - - -	380 13	254 0	
3		Grassington - - -	886 2	772 5	
4		Cowling (near Canonley) -	3 8	2 3	
5		Hebden Moor - - -	300 0	201 11	
6		Craven Moor - - -	152 12	99 4	
7		Yorkshire Mine Co. - -	12 9	8 2	
8		Burhill - - -	149 0	96 16	
9		Ditto - - -	6 17	4 8	
10		Appletreewick - - -	146 0	94 18	
11	WHARFDALE	Mr. York's Royalty and Flue Dust Lead - }	57 0	58 3	
12		Buckden Gavle - - -	104 3	60 1	2,750
13		Coniston Outmoor - -	127 2	88 0	
14		Starbolton Moorend - -	40 19	25 1	
15		Do. Cam - - -	0 18	0 11	
16		Cracoe - - -	13 9	9 19	
17		Wensleydale - - -	2,550 0	1,605 0	
18		Swaledale and Arkendale -	3,032 0	2,274 0	
19		Hurst - - -	60 0	41 0	
20		Scargill - - -	-	-	
21		Merrifield - - -	23 9	15 5	
22		Mr. York's Royalty - -	4 11	2 19	
23		Netherdale - - -	31 10	20 9	
24	Widdersdale and	Sunside - - -	367 16	239 1	
25	Pateley Dis-	Providence - - -	31 3	20 5	
26	trict.	Prosperous & Stoney Groves	18 9	12 0	
27		Burnaby and Hutchinson's Royalty - - - }	53 18	35 0	
28		Forest Moor - - -	8 11	5 10	
29	TEESDALE	Lunehead - - -	-	-	
30	Governor and Co.'s	Teesdale Mines - - -	162 18	105 6	526
Total of Ore, 8,801 tons 9 cwts.					
Total of Lead, 6,203 tons 20 cwts.					
Total of Silver, 3,650 ozs.					
1	CNESHIRE.	Alderley Edge - - -	106 17	25 10	95
1	STAFFORDSHIRE.	Dale - - -	40 0	25 0	125
1	WESTMORELAND.	North Sainmore - - -	41 4	31 19	312
2	Governor and Co.'s Mines - - - }	Hardshins - - -	67 6	49 16	197
3		Dufton and Silverband -	218 2	161 7	1,130
4		Hilton and Murton - -	96 0	67 4	260
5		Nether Hurth - - -	23 6	16 6	115
6		Greenside - - -	1,800 0	1,200 0	19,200
Total of Ore, 2,392 tons 14 cwts.					
Total of Lead, 1,576 tons 20 cwts.					
Total of Silver, 21,214 ozs.					
1	CUMBERLAND.	Long Cleugh - - -	442 4	331 13	2,320
2		Rampgill - - -	352 10	264 7	1,850
3		Capel Cleugh - - -	298 5	221 9	1,550
4		Browngill - - -	170 6	127 15	896
5	Mines leased to the Governor and Company.*	Carrs and Hanging Shaw	268 3	201 2	1,407
6		Scale Burn - - -	71 7	53 10	375
7		Middle Cleugh - - -	279 18	209 18	1,476
8	Total Ore,	Bentyfield, S. Vein, W.E.	98 9	73 6	513
9	2,456 Tons 0 Cwts.	Small Cleugh - - -	338 18	254 3	1,778
10		Tyne Bottom - - -	31 9	23 12	166
11	Total of Lead,	Guddamgill - - -	65 1	48 15	340
12	1,839 Tons 0 Cwts.	Cowper's Dyke Heads -	21 14	16 5	112
Carried forward -			2,437 20	1,825 10	12,783

* "Nenthead" and "Garrgill" Mines.

No.	COUNTY, &c.	Names of Mines.	Lead Ore.	Lead.	Silver.
	Cumberland—cont.		Tons. cwts.	Tons. cwts.	Ozs.
	Brought forward -		2,437 20	1,825 10	12,783
13		Prioresdale - - -	1 12	1 4	8
14		Fletcheras - - -	16 10	12 7	86
15		Battle Green Veins -	2 11	1 17	12
16		Bentyfield S. Vein E.E. -	104 3	78 0	546
17		Black Syke Vein -	7 5	5 9	38
18		Blagill - - -	19 19	14 16	102
19		Brigal Burn - - -			
20		Brownley Hill - - -	492 0	369 0	2,583
21		Carrs West of Nent -			
22		Clargill Head - - -	4 1	3 0	21
23		Cow Hill - - -			
24		Crag Greens, North Vein-	3 10	2 10	17
25		Crossgill Head - - -			
26		Dowgang - - -	130 0	97 5	682
27		Dowpot Syke - - -			
28		Dowke Burn - - -	77 0	57 15	394
29		Farnbery - - -			
30		Foresfield - - -			
31		Flow Edge - - -			
32		Gallygill Syke - - -	169 12	127 4	891
33		Gallygill Bents - - -	5 8	4 0	28
34		Grassfield - - -	7 18	5 18	40
35		Guttergill, East End -	121 14	91 5	638
36		Guttergill Vein, West End	22 14	17 0	119
37		Holyfield - - -	3 0	2 4	15
38		Hudgill Burn - - -	48 13	36 9	252
39		Middle Tyne Green -			
40		High Tyne Green - -			
41		High Craig Shield -	2 17	2 5	15
42		Lee House Well - - -			
43		Birehy Bank - - -			
44		Middle Syke - - -			
45	Barony of Lang-	Morallee Fell - - -	3 15	2 16	19
46	ley - - -	Waterhouse Vein - -	41 2	30 12	215
47		Nattrass Veins - - -	11 6	8 9	58
48		Nentsbury Green - -			
49		Nentsbury Pasture -			
50		Peat Stack Hill - - -	8 11	6 8	45
51		Park Grove Sun Vein -	3 16	2 16	19
52		Pasture Grove - - -			
53		Rodderup Fell - - -	1,086 18	760 0	5,320
54		Slote - - -			
55		Sunnyside - - -			
56		Thornhill Slit - - -			
57		Thornhill, East End -	9 16	7 5	50
58		Thornhill, West End -	17 0	12 0	84
59		Wellgill, Cross Vein -	4 6	3 1	21
60		Windy Brow - - -			
61		Allen's Clough - - -			
62		Calvert - - -	12 0	8 0	64
63		Clargill Head - - -	0 17	0 12	25
64		Doses Vein and Tyne Bogs	6 5	4 7	31
65	Tynehead Mines	South and West Crossfell	12 5	8 1	57
66		Lady Vein - - -			
67		Pedder Syke - - -			
68		Stow Cragg - - -	17 1	11 15	430
69		Tees Side - - -	3 15	2 12	17
70		Tyne Head or Sir John's-			
		Carried forward -	4,916 5	3,623 0	25,725

No.	COUNTY, &c.	Names of Mines.	Lead Ore.	Lead.	Silver.
			Tons. cwt.	Tons. cwt.	Ozs.
	Cumberland—cont.				
	Brought forward -	- - - -	4,916 5	3,623 0	25,725
71		East Crossfell - -			
72		Smittergill Head - -	59 4	38 10	
73		Woodend - - -	35 0	26 5	105
<i>Mines in the Neighbourhood of Keswick.</i>					
74		Brandlehow - - -	299 10	225 4	1,802
75		Driggrith - - -	179 0	103 15	2,060
76		Force Cragg - - -	34 0	25 10	178
77		Goldscope - - -	480 0	348 2	2,785
78		Redgill - - -	1 4	0 18	
79		Roughtengill - - -	320 7	223 12	4,460
Total of Ore, 6,324 tons 9 cwt.					
Total of Lead, 4,614 tons 13 cwt.					
Total of Silver, 37,115 ozs.					
1	DURHAM AND NORTHUMBERLAND.	Allendale, East and West, and Weardale	9,700 0	8,120 0	46,080
2		Ashgill Head - -	104 3	78 0	234
3		Coldberry Mine - -	1,383 8	1,037 11	3,112
4		Coldberry Skears - -	136 11	102 8	306
5		Flashamie - - -	0 16	0 12	36
6	Governor & Co. for smelting Lead Ores.	Flakebrigg - - -	964 16	723 12	2,170
7		Hudshope Head - -			
8		Little Egglesthope - -	958 12	718 19	2,157
9		Lodge Syke - - -	56 14	42 10	128
10		Red Groves - - -	152 10	114 7	342
11		Wire Gill - - -	1,697 10	1,273 2	3,819
12		Broadly Hill and Beck Head - - -	91 2	68 6	340
13		Grass Hill - - -	7 12	5 14	25
14		Grass Coldberry - -			
15		Green Hurth - - -	13 7	10 5	50
16		Cow Green - - -	0 15	0 11	
17		High Skears - - -	10 19	8 4	40
18		Langdon Mines - - -	23 13	17 14	85
19		Pike Law - - -	4 0	3 0	20
20		Revelling - - -			
21		Trough or Scar Head - -	4 19	3 14	18
22		Willy Hole - - -	1 4	0 18	
23		Allergill - - -			
24		Hallywell - - -			
25		Lanehead - - -	9 9	6 6	45
26		Dryburn - - -			
27	Weardale Governor & Co.	Stanhope Burn - -			
28		Bollihope - - -	250 16	188 2	940
29		Brandon Walls - - -	72 0	53 2	318
30		Coves - - -	7 6	5 0	30
31		Captain Cleugh - -			
32		Derwent Mines - - -	1,485 17	1,051 12	11,178
33		Fallowfield - - -	459 7	336 0	1,344
34		Harehope Gill - - -	8 14	5 17	38
35		East side Harwood Beck -			
36		Healey Field - - -	329 18	190 0	2,940
		Carried forward -	17,935 5	14,164 17	75,795

No.	COUNTY, &c.	Names of Mines.	Lead Ore.	Lead.	Silver.
	Durham, &c.—cont.		Tons. cwts.	Tons. cwts.	Ozs.
	Brought forward -	- - - -	17,935 5	14,164 17	75,795
37		Settling Stones - -	624 8	356 0	400
38		Stonecroft - - -	920 0	690 0	2,070
39		Newland Side - -	57 2	42 0	
	Total of Ore, 19,536 tons 15 cwts.				
	Total of Lead, 15,252 tons 17 cwts.				
	Total of Silver, 78,265 ozs.				
	WALES.				
1	CAERMARTHEN-SHIRE.	Nant-y-Mwyn - -	805 0	536 0	2,680
2		Vale of Towey - -	637 0	464 0	944
3		Caermarthen United -			
	Total of Ore, 1442 tons.				
	Total of Lead, 1000 tons.				
	Total of Silver, 3624 ozs.				
1	CARDIGANSHIRE.	Aberystfwd - -			
2		Abbey Consols - -	20 0	14 0	112
3		Alt-y-crib - - -	64 0	50 0	400
4		Brynarian - - -	40 0	31 0	248
5		Brynglas - - -			
6		Bwlch Consols - -	250 0	192 0	3,840
7		Bronfloyd - - -	55 0	41 0	410
8		Caegynon - - -			
9		Cefn-cwm-Brwyno -	288 0	222 0	
10		Cardigan Consols -	69 0	48 6	
11		Chevaral Llys - -	6 0	4 0	
12		Cwm-Erfin - - -	692 0	498 0	12,450
13		Cwm-y-stwyth - -	1,295 0	997 0	
14		Darren - - -			
15		Esgair Mwyn - - -			
16		East Darren - - -	1,028 0	781 0	17,182
17		Eagle-brook - - -			
18		East Logylas - - -	907 0	698 0	
19		Frongoch - - -	1,422 0	1,095 0	
20		Glogfach - - -	440 0	343 0	5,831
21		Gwaithgoch - - -	29 7	20 10	
22		West Frongoch - -	34 16	24 7	
23		Goginan - - -	365 0	270 0	7,020
24		Do, West - - -			
25		Grogwinion - - -			
26		Gelli'r'eiron - - -	90 0	69 0	552
27		Lerry - - -			
28		Llanfair - - -	67 0	51 0	3,253
29		Llan-fyr-nech - -	43 0	29 0	263
30		Llawrcwmbach - -			
31		Llwynmalees - - -			
32		Loveden United - -			
33		Nanteesand Penrhiw United	152 0	111 0	444
34		Nant-y - - -	240 3	180 0	
35		New Lisburne - - -			
36		Pant-y-mawr* - - -			
37		Rheidol United - -	41 0	28 0	84
38		Penpomprent† - -			
39		Ponterwyd - - -			
40		Snow Brook - - -			
41		South Darren† - -	117 0	89 0	2,900
42		New Lisburn - - -			
43		Tyllwyd - - -			
	Total of Ore, 7,755 tons 5 cwts.				
	Total of Lead, 5,386 tons 2 cwts.				
	Total of Silver, 54,989 ozs.				

* Now known as Silver Bank.

† Now part of Clara United Mines.

‡ Formed by Cwm Sebon.

No.	COUNTY, &c.	Names of Mines.	Lead Ore.	Lead.	Silver.
			Tons. cwt.	Tons. cwt.	Ozs.
	PEMBROKESHIRE.	Llanfennech - -	97 0	52 0	400
		Total of Ore, 97 tons.			
		Total of Lead, 52 tons.			
		Total of Silver, 400 ozs.			
	RADNORSHIRE.				
1		Nant-y-Car - -	37 0	23 0	
2		Dalrhwi - -	—	—	
		Total of Ore, 37 tons.			
		Total of Lead, 23 tons.			
1	MONTGOMERYSHIRE.	Bryntail - - -	45 10	35 0	
2		Bryn-y-Fedwen - -			
3		Cae Conroy - - -	12 0	9 0	126
4		Caylan - - -	3 10	2 10	10
5		Cefn-maen-Llwydd -	14 15	11 0	51
6		Dyliffe - - -	1,198 0	899 0	6,293
7		Dwfnwgwm - - -	469 0	328 0	984
8		Llanerchyr - - -	279 0	212 0	2,430
9		Llangynog - - -	19 0	14 10	32
10		Llangynog United -	25 0	18 10	120
11		Nanty - - -	187 0	147 0	700
12		Pen-y-clyn - - -	17 0	13 0	
13		Rhos-wyddol - - -	183 0	141 0	423
14		Pearce's Llanidloes -			
		Total of Ore, 2,452 tons 14 cwt.			
		Total of Lead, 1,830 tons 9 cwt.			
		Total of Silver, 11,169 ozs.			
1	MERIONETHSHIRE.	Aberdovy - - -	181 0	136 0	952
2		Brynfedn - - -			
3		Catharine and Jane Consols -	16 0	12 0	36
4		Cowarch - - -			
5		Dolgelly - - -			
6		Nant-y-go - - -	10 0	7 10	
		Total of Ore, 207 tons.			
		Total of Lead, 155 tons 10 cwt.			
		Total of Silver, 988 ozs.			
1	DENBIGHSHIRE.	Central Minera - -	10 0	8 0	
2		Lower Park - - -	8 0	6 0	48
3		Minera - - -	5,743 0	4,021 0	16,084
4		Minera Union - - -	13 15	10 10	45
5		North Minera - - -	220 0	173 0	800
6		Maes-y-safn - - -	285 0	215 0	720
7		Plas Newydd - - -	5 10	4 0	50
8		Bwlchgwyn - - -	5 0	4 0	15
9		Eisteddfod - - -			
		Carried forward -	6,290 4	4,441 10	17,762

No.	COUNTY, &c.	Names of Mines.	Lead Ore.	Lead.	Silver.
	Denbighshire—cont.		Tons. cwt.	Tons. cwt.	Ozs.
	Brought forward -	- - - -	6,290 4	4,441 10	17,762
9		Westminster - - - -	1,005 0	789 0	1,750
10		Coedpoeth - - - -			
11		Park - - - -	23 0	17 15	52
12		Pool Park - - - -	188 0	145 0	435
13		Chirk Castle - - - -	19 17	14 0	112
14		Steddfod - - - -	99 0	76 0	304
		Powis Mine - - - -	21 17	15 0	124
		Total of Ore, 7,646 tons 17 cwt.			
		Total of Lead, 5,498 tons 4 cwt.			
		Total of Silver, 20,539 ozs.			
1	FLINTSHIRE.	Bodelwyddan - - - -			
2		Braces Nant-y-Goch Fawr - - - -			
3		Brynford Hall - - - -	107 0	82 0	656
4		Brynglas - - - -			
5		Bryngwiog - - - -	298 0	232 0	1,392
6		Bryn-y-fryd - - - -			
7		Cheny Rake - - - -			
8		Comebine - - - -			
9		Clwt Militia - - - -			
10		Clara - - - -	20 6	16 0	
11		Coetia Ball - - - -			
12		Craig-y-Mwyn - - - -			
13		Deep Level - - - -	217 0	159 0	1,113
14		Dog Pit - - - -	54 15	41 0	205
15		Driggith - - - -			
16		East Pant-du - - - -			
17		Fron Isa - - - -	40 0	31 0	
18		Garreg - - - -	3 0	2 5	18
19		Grosvenor - - - -	57 0	43 0	387
20		Holywell Level - - - -	99 0	76 0	912
21		Holway Rake - - - -			
22		Hopewell - - - -			
23		Hendre Ucha - - - -	77 0	60 0	270
24		Herward United - - - -	160 0	120 0	420
25		Long Rake - - - -	45 0	33 15	202
26		Llyn y-mawn - - - -			
27		Llewellyn - - - -	14 5	11 0	40
28		Merilyn - - - -	25 15	19 0	170
29		Merilyn West - - - -	10 0	7 0	
30		Merilyn East - - - -	6 0	4 0	
31		Mold - - - -			
32		Mount Pleasant - - - -	513 0	425 0	2,018
33		Orsedd - - - -	181 0	139 0	1,351
34		Pant-y-Buarth - - - -	40 0	31 0	118
35		Pant-y-go - - - -			
36		Parry's - - - -	381 0	301 0	1,354
37		Pennant - - - -			
38		Pen-yr-benblas - - - -			
39		Pen-yr-bryn - - - -			
40		Top-y-rhes - - - -			
41		Rhosesmawr - - - -	933 0	690 0	8,280
42		Speedwell - - - -	63 0	48 10	219
43		Talacre - - - -	8 10	6 10	75
44		Maes-yr-erwddu - - - -	531 0	414 0	3,726
45	Talargoch - {	Coetia Llys - - - -	479 10	369 0	2,583
46		Pwllwheal - - - -			
47		Trelogan - - - -	13 0	9 15	78
48		Tymaen - - - -	34 0	26 0	292
		Total of Ore, 4,410 tons 19 cwt.			
		Total of Lead, 3,396 tons 13 cwt.			
		Total of Silver, 25,779 ozs.			

No.	COUNTY, &c.	Names of Mines.	Lead Ore.	Lead.	Silver.
			Tons, cwt.	Tons, cwt.	Ozs.
1	CAERNARVONSHIRE.	Bryn-cenadon - - -	6 13	4 15	33
2		Brynpyll - - -	0 18	0 12	
3		Bwlchyrrheiron - - -	0 4	0 1	
4		Coed Mawr Pool* - - -	71 3	48 15	476
5		Crolan-farchog - - -			
6		Dolgoch - - -	10 0	7 0	63
7		Felynblwm - - -	8 0	6 0	42
8		Frythreyn - - -			
9		Fychelas - - -	4 14	3 8	23
10		Gwaithegors - - -	4 1	3 0	21
11		Gwaenllifen - - -	1 9	1 1	7
12		Gwydir Park - - -			
13		Hafna - - -			
14		Llanrwst - - -			
15		Pencraig - - -	23 10	17 12	122
16		Pennalt - - -			
17		Pwll-cochion - - -	13 0	10 0	64
18		Rhenadrwst - - -	14 7	10 15	70
19		Tyntwll - - -	15 0	11 10	69
		Total of Ore, 172 tons 16 cwt.			
		Total of Lead, 124 tons 5 cwt.			
		Total of Silver, 990 ozs.			
1	ISLE OF MAN.	Fordale - - -	2,082 0	1,551 0	56,098
2		South Manx - - -			
3		Laxey - - -	600 0	466 0	11,184
4		North Laxey† - - -	30 0	22 0	
5		Brada Mines - - -	5 19	4 8	
		Total of Ore, 2,717 tons 19 cwt.			
		Total of Lead, 2,043 tons 8 cwt.			
		Total of Silver, 67,282 ozs.			
	SCOTLAND.				
1	AYRSHIRE.	Loch Tay Side - - -	1 0	0 15	
1	ARGYLSHIRE.	Strontian - - -	39 0	29 10	59
2		Fee Donald - - -			
1	LANARKSHIRE.	Lead Hills - - -	742 0	520 1	—
1	DUMFRIESHIRE	Wanlock Head - - -	803 12	552 10	3,856
1	PERTHSHIRE.	Breadsallbane (Tyndrum) -	60 0	43 0	172
1	KIRKCUDBRIGHT-SHIRE.	Cairnsmore - - -	—	—	—
2		Woodhead - - -	85 10	61 1	—
3		Mining Gaff, or Black } Craig - - -	30 0	23 0	46
4		East Black Craig - - -	—	—	—
		Total of Ore, 1,761 tons 1 cwt.			
		Total of Lead, 1,229 tons 16 cwt.			
		Total of Silver, 4,133 ozs.			

* Frythlechwidd is part of Coed Mawr Pool.

† To March 31, 1862.

No.	COUNTY, &c.	Names of Mines.	Lead Ore.	Lead.	Silver.
			Tons. cwts.	Tons. cwts.	Ozs.
	IRELAND.				
1	ARMAGH.	College Mines - -	45 0	29 0	116
1	CLARE.	Ballyvirgin - -			
2		Kilbricken - -			
3		Annaglough - -			
4		Milltown - -			
1	CORK.	Ballydehob - -	280 0	221 0	442
1	DOWN.	Newtownards - -	—	—	
1	DONEGAL.	Ballyshannon - -	—	—	
2		Kilrain - -	—	—	
1	GALWAY.	Oughterard - -			
1	LOUTH.	Dundalk - -			
1	MONAGHAN.	Tassan Castleblaney -	100 0	70 0	
1	KERRY.	Lansdown - -			
1	WATERFORD.	Shallee - -	32 0	24 0	
2		Gurtnadyne - -	—	—	
3		Carysfoot - -	20 0	16 0	160
1	WICKLOW.	Luganure and Glendalough	1,825 0	1,168 0	11,680
2		Glennalure - -	101 0	64 12	
	Total of Ore, 2,403 tons 0 cwts.				
	Total of Lead, 1,592 tons 12 cwts.				
	Total of Silver, 12,398 ozs.				
	Sundries for United Kingdom under 10 tons -		55 0	37 0	222

SILVER ORES.*

					Value.		
		Tons.	cwts.	qrs.	£	s.	d.
Huel Ludcott	-	12	2	2	1,300	8	7
Silver Vein	-	17	18	1	148	17	1
		<u>29</u>	<u>20</u>	<u>3</u>	<u>1,449</u>	<u>5</u>	<u>8</u>

* These were gossans or oxides of Iron containing Silver.

SUMMARY OF LEAD AND SILVER PRODUCE.

	Lead Ore.	Lead.	Silver.
	Tons. cwts.	Tons. cwts.	Ounces.
ENGLAND.			
CORNWALL - - - -	6,690 14	4,228 20	173,344
DEVONSHIRE - - - -	2,762 16	1,791 7	45,187
SOMERSETSHIRE - - - -	860 0	330 0	850
SHERPESHIRE - - - -	4,616 0	3,547 9	1,317
DERBYSHIRE - - - -	7,376 12	5,178 9	1,000
YORKSHIRE - - - -	8,801 9	6,303 20	3,650
CHESHIRE - - - -	106 17	25 10	95
STAFFORDSHIRE - - - -	40 0	25 0	125
WESTMORELAND - - - -	2,392 14	1,576 20	21,214
CUMBERLAND - - - -	6,324 9	4,614 13	37,115
DURHAM AND NORTHUMBERLAND -	19,536 15	15,252 17	78,265
WALES.			
CAERMARTHENSHIRE - - -	1,442 0	1,000 0	2,680
CARDIGANSHIRE - - - -	7,755 5	5,886 2	54,989
PEMBROKESHIRE - - - -	97 0	52 0	400
RADNORSHIRE - - - -	37 0	23 0	—
MONTGOMERYSHIRE - - - -	2,452 14	1,830 9	11,169
MERIONETHSHIRE - - - -	207 0	155 10	988
DENNIGHSHIRE - - - -	7,646 17	5,498 4	20,539
FLINTSHIRE - - - -	4,410 19	3,396 13	25,779
CAERNARVONSHIRE - - - -	172 16	124 5	990
ISLE OF MAN - - - -	2,717 19	2,043 8	67,282
SCOTLAND - - - -	1,761 1	1,229 16	4,133
IRELAND - - - -	2,403 0	1,592 12	12,398
Sundries under Ten Tons - -	55 0	37 0	222
Total of the United Kingdom -	90,696 7	65,643 15	563,731
SILVER ORE from British Mines -	29 20	—	569,530

IMPORTS AND EXPORTS OF LEAD.

FOREIGN AND COLONIAL.

LEAD IMPORTED into the UNITED KINGDOM in the Year 1861, and two previous Years.

Description.	1859.	1860.	1861.
Lead, Pig, and Sheet - - -	Tons. 28,620	Tons. 22,171	Tons. 23,109
Computed real value - - -	£ 504,396	£ 468,435	£ 440,092

EXPORTS OF BRITISH LEAD,

For the Year 1861, and two previous Years.

Centuries to which sent.	1859.	1860.	1861.
	Tons.	Tons.	Tons.
Russia - - - - -	3,504	4,812	3,875
France - - - - -	826	1,116	665
United States - - - -	3,035	4,157	767
China and Hong Kong - -	2,963	5,171	5,623
British East Indies - - -	1,212	1,317	1,812
Australia - - - - -	2,812	1,615	1,432
Other Countries - - - -	6,219	5,609	5,093
Totals - - - - -	20,571	23,797	19,267

1861.

ZINC.

The total quantity of Zinc Ore raised in the United Kingdom, principally the Sulphide of Zinc, *Black Jack*,—was,—

15,770 tons 3 cwts 2 qrs.

The average produce of the ore was about 28 per cent. This, consequently, gives the quantity of Metallic Zinc produced from British ores as,—

4,415 tons.

The mean average price of Zinc Ore has been below 2*l.* per ton. The returned value of the ores is,—

£ 31,112 18*s.* 5*d.*

The mean average market price of Spelter has been 17*l.* 18*s.* 4*d.* per ton ; of purified Zinc 23*l.* 15*s.* 9*d.* The market value of the Zinc produced from British Mines may be computed at,—

£79,101 12*s.*

MARKET PRICES of SPELTER and ZINC, being the Average for each Week during the Year 1861.

The Week ending	Spelter.	Zinc.	The Week ending	Spelter.	Zinc.
	£ s. d.	£ s. d.		£ s. d.	£ s. d.
January 4 -	19 5 0	25 0 0	July 5	16 0 0	22 0 0
" 11 -	18 5 0	25 10 0	" 12	15 17 6	22 0 0
" 18 -	18 10 0	25 10 0	" 19	15 12 6	22 0 0
" 25 -	18 10 0	24 0 0	" 26	15 12 6	22 0 0
February 1 -	18 10 0	24 0 0	August 2	16 5 0	22 0 0
" 8 -	18 10 0	24 0 0	" 9	17 5 0	22 0 0
" 15 -	18 12 6	24 0 0	" 16	17 5 0	22 0 0
" 22 -	18 10 0	24 0 0	" 23	17 10 0	24 0 0
March 1 -	18 5 0	24 0 0	" 30	18 2 6	24 0 0
" 8 -	18 7 6	24 0 0	September 6	18 10 0	24 0 0
" 15 -	18 7 6	24 0 0	" 13	18 5 0	24 0 0
" 22 -	18 7 6	24 0 0	" 20	18 7 6	24 0 0
" 29 -	18 7 6	24 0 0	" 27	18 15 0	24 0 0
April 5 -	18 7 6	24 0 0	October 4	18 15 0	24 0 0
" 12 -	18 7 6	24 0 0	" 11	18 17 6	24 0 0
" 19 -	18 7 6	24 0 0	" 18	19 2 6	24 0 0
" 26 -	18 10 0	24 0 0	" 25	19 2 6	24 0 0
May 3 -	18 10 0	24 0 0	November 1	19 5 0	24 0 0
" 10 -	18 0 0	24 0 0	" 8	19 0 0	24 0 0
" 17 -	17 17 6	24 0 0	" 15	19 0 0	24 0 0
" 24 -	17 5 0	24 0 0	" 22	19 0 0	24 0 0
" 31 -	17 5 0	24 0 0	" 29	18 10 0	24 0 0
June 7 -	16 10 0	23 15 0	December 6	18 0 0	24 0 0
" 14 -	16 0 0	23 15 0	" 13	17 15 0	24 0 0
" 21 -	16 0 0	23 15 0	" 20	17 10 0	24 0 0
" 28 -	16 0 0	23 15 0	" 27	17 2 6	24 0 0

	Spelter.	Zinc.
	£ s. d.	£ s. d.
Highest Price -	19 5 0	25 10 0
Lowest Price -	15 12 6	22 0 0
Mean Average Price -	17 18 4	23 15 9

ZINC RETURNS.

ZINC.

CORNWALL.

RETURNS to the Stannary Court.

Names of Mines.	Zinc Ore.			Value.		
	Tons.	cwts.	qrs.	£	s.	d.
Great Retallack - - - -	5,560	19	2	11,335	17	6
West Huel Jane - - - -	76	9	2	76	0	5
Huel Trungle - - - -	45	8	0	95	6	0
Falmouth and Sperries* - - - -	8	0	0	16	0	0
Huel Seton* - - - -	3	0	0	6	0	0
South Huel Ellen* - - - -	1	0	0	1	10	0
Total - - - -	5,694	16	0	11,530	13	11

* Quantities computed, money value only having been returned.

DEVONSHIRE.

Name of Mine.	Quantity.			Value.		
	Tons.	cwts.	qrs.	£	s.	d.
Collacombe - - - -	50	15	3	110	9	6

DERBYSHIRE.

	Sundry Mines - - - -	Tons. cwts. qrs.			£ s. d.		
		1,225	0	0	1,837	10	0

CARDIGANSHIRE.

		Tons. cwts. qrs.			£ s. d.		
		—	—	—	—	—	—
1	Cefn-cwm-brwyno - - - -	—	—	—	—	—	—
2	Lisburne - - - -	50	0	0	120	10	0
3	Nantycreia - - - -	750	0	0	1,850	0	0
4	Caegynon - - - -	—	—	—	—	—	—
5	Castell - - - -	15	0	0	34	0	0
6	Frongoch - - - -	52	0	0	110	0	0
7	Rheidol United - - - -	940	10	0	2,300	0	0
8	Cwmystwith - - - -	—	—	—	—	—	—
	Total - - - -	1,807	10	0	4,414	10	0

NORTH WALES.

				Tons. cwt. qrs.	£	s.	d.
1	Minera - - - -			1,000 0 0	1,875	0	0
2	Talargoch - - - -			1,250 0 0	2,343	10	0
3	Holywell Level Mine			—	—	—	—
4	Bodelwyddan - - - -			—	—	—	—
5	Conway - - - -			—	—	—	—
6	Llandilo - - - -			—	—	—	—
7	Llywernog - - - -			—	—	—	—
8	Rhenadrwt - - - -			—	—	—	—
	Total - - - -			2,250 0 0	4,218	10	0

CUMBERLAND and neighbouring Counties.

				Tons. cwt. qrs.	£	s.	d.
	Alston Moor Mines:						
	Blende - - - -			366 3 0	686	5	0
	Calamine - - - -			135 14 0	254	0	0
	Sundry Mines - - - -			95 0 0	178	0	0
	Total - - - -			596 17 0	1,118	5	0

ISLE OF MAN.

				Tons. cwt. qrs.	£	s.	d.
	Laxey - - - -			3,255 7 3	6,103	0	0

IRELAND.

				Tons cwt. qrs.	£	s.	d.
	Clare Co., Milltown Mine -			—	—	—	—
	Tipperary, Silver Mines -			890 0 0	1,780	0	0

SUMMARY of the PRODUCTION of the ZINC MINES of the UNITED KINGDOM in 1861.

			Quantities.	Value.	
			Tons. cwt. qrs.	£ s. d.	
	CORNWALL - - - -		5,694 16 0	11,530 13 11	
	DEVONSHIRE - - - -		50 15 3	110 9 6	
	DERBYSHIRE - - - -		1,225 0 0	1,837 10 0	
	SHERIFFS - - - -		—	—	
	CARDIGANSHIRE - - - -		1,807 10 0	4,414 10 0	
	NORTH WALES - - - -		2,250 0 0	4,218 10 0	
	CUMBERLAND, &c. - - - -		596 17 0	1,118 5 0	
	ISLE OF MAN - - - -		3,255 7 3	6,103 0 0	
	IRELAND - - - -		890 0 0	1,780 0 0	
	TOTAL - - - -		15,770 3 2	31,112 18 5	

IMPORTS AND EXPORTS OF ZINC.

SPELTER OR ZINC Imported into the UNITED KINGDOM in the Year ending 1861 and two previous Years.

1859.	1860.	1861.
Tons.	Tons.	Tons.
30,214	23,481	24,851
Declared Value.		
£	£	£
656,278	499,636	473,305

SPELTER OR ZINC Exported from the UNITED KINGDOM in the Year ending 1861 and two previous Years.

BRITISH ZINC.

1859.	1860.	1861.
Tons.	Tons.	Tons.
4,875	5,271	4,387
Declared Value.		
£	£	£
122,900	120,078	95,786

FOREIGN AND COLONIAL ZINC.

1859.	1860.	1861.
Tons.	Tons.	Tons.
8,689	4,219	4,372
Declared Value.		
£	£	£
183,903	88,432	79,248

IRON PYRITES.—MUNDIC.—SULPHUR ORES.

SUMMARY OF THE PRODUCTION OF BRITISH SULPHUR ORES.

	Quantities.			Value.		
	Tons.	cwts.	qrs.	£	s.	d.
CORNWALL - - -	16,901	17	0	17,660	18	10
DEVONSHIRE - - -	1,572	12	1	1,156	7	9
CUMBERLAND - - -	3,246	6	0	3,467	19	8
NORTHUMBERLAND AND DURHAM - - -	3,250	0	0	1,300	0	0
YORKSHIRE - - -	3,000	0	0	1,200	0	0
LANCASHIRE - - -	3,760	0	0	1,450	0	0
NORTH WALES - - -	1,601	0	0	712	0	0
IRELAND - - -	91,803	6	1	52,768	0	0
Total - - -	125,135	1	2	79,715	6	3

DETAILED STATEMENT OF PRODUCTION.

County.	Names of Mines.	Iron Pyrites.	Value.		
			£	s.	d.
CORNWALL.	Falmouth and Sperries - -	Tons. cwt. qrs. 9,045 14 0	10,011	7	7
	West Huel Jane - -	2,930 17 1	3,089	18	5
	Huel Jane - -	2,319 1 3	2,468	16	0
	Huel Clifford - -	1,190 6 3	972	12	9
	Huel Polmear - -	570 19 0	571	12	0
	Okel Tor - -	250 0 0	150	0	0
	Creegbraws and Penkevil - -	85 5 1	94	3	6
	United Mines - -	101 12 0	87	11	6
	Harrow Barrow - -	147 12 0	54	15	8
	Kelly Bray - -	98 0 0	53	9	0
	Calstock Consols - -	46 0 0	27	12	0
	Huel Kitty (St. Agnes) - -	23 0 0	25	9	0
	Huel Trelawney - -	53 16 2	19	18	9
	Trehill - -	24 0 0	16	16	0
	Huel Seton - -	14 7 0	10	15	0
	West Crinnis - -	6 10 2	5	17	0
		16,901 17 0	17,660	13	10
DEVONSHIRE.	Devon Great Consols - -	1,403 19 1	1,022	12	7
	Gawton - -	74 6 0	54	5	8
	Devon and Cornwall United - -	94 8 0	79	9	6
		1,572 12 1	1,156	7	9
CUMBERLAND.	Milloom (Ulverstone) - -	3,248 6 0	3,467	19	8
NORTHUMBERLAND AND DURHAM. }	(Coal Brasses) from sundry Dis- tricts - -	3,250 0 0	1,300	0	0
YORKSHIRE.	Halifax (Coal Brasses) - -	3,000 0 0	1,200	0	0
	Todmorden do. - -				
	Huddersfield do. - -				
LANCASHIRE.	Church, &c. (Coal Brasses) - -	3,760 0 0	1,450	0	0
NORTH WALES.	Brymbo - -	850 0 0	400	0	0
	Denbighshire, sundry Mines - -				
	Flintshire - -				
	CAERNARVON :				
	Cae Coch - -	746 0 0	312	0	0
	Gelli - -	5 0 0			
		1,601 0 0	712	0	0
IRELAND.	WICKLOW :				
	Ballymurtagh - -	45,500 0 0	52,768	0	0
	* Do. sold as Coppery - -	1,500 0 0			
	Ballygahan - -	11,991 0 0			
	Do. sold as Coppery - -	40 0 0			
	† Connorree - -	3,964 0 0			
	Cronebane - -	11,159 16 3			
	Tigrony - -	17,648 9 2			
		91,803 6 1			

* These are computed with the Copper; see page 24.

† In 1860 Connorree Mines sold 8,291 tons.

MISCELLANEOUS MINERALS.**ARSENIC.**

Name of Mine selling Crude Arsenic.	Quantities.	Value.
	Tons. cwts. qrs.	£ s. d.
Returns made to Stannary Court :		
CORNWALL :		
Carn Brea - - - - -	218 5 1	351 8 0
Huel Seton - - - - -	155 11 0	275 11 2
Tincroft - - - - -	70 0 0	112 10 0
East Pool - - - - -	67 14 1	109 10 4
Huel Anna - - - - -	8 8 0	10 11 3
Condurrow - - - - -	6 2 0	8 0 0
Huel Jane - - - - -	5 0 0	7 0 0
Great Huel Busy* - - - - -	8 10 0	12 0 0
Total - - - - -	539 8 2	886 10 9
DEVONSHIRE :		
Huel Friendship - - - - -	671 17 2	240 18 4

The total quantity of fine arsenic produced, 1,450 tons; value, at 7*l.* 10*s.* the ton, 10,875*l.*

* Quantity computed.

COSSAN.

	Tons. cwts. qrs.	£ s. d.
Falmouth and Sperris - - - - -	3,005 0 0	3,007 16 4
Huel Jane - - - - -	11 5 0	8 8 6
Total - - - - -	3,016 5 0	3,016 4 10

SILVER.

	Tons. cwts. qrs.	£ s. d.
Huel Ludcott - - - - -	12 2 2	1,800 8 7

NICKEL ORE.

	Cwts. qrs. lbs.	£ s. d.
St. Austell Consols - - - - -	15 2 22	23 10 10

OXIDE OF IRON.

	Tons. cwts. qrs.	£ s. d.
Great Huel Busy - - - - -	- - -	7 7 0

WOLFRAM.

					Tons. cwt. qrs.	£	s.	d.
East Pool	-	-	-	-	6 10 0	29	0	0

ANTIMONY.

					Tons cwt. qrs.	£	s.	d.
Pengenna, Wadebridge	-	-	-	-	15 0 0	—		

SUMMARY of the RETURN of ORES of all Kinds, and the MONEY VALUE thereof, made to the STANNARY COURT, for the Year ending 29th September 1861, from the Mines of CORNWALL and DEVON.

Minerals.	Quantities.	Value.
CORNWALL:	Tons. cwt. qrs. lbs.	£ s. d.
Copper Ore - - - - -	136,953 16 3 0	802,765 10 3
Tin Ore - - - - -	10,039 3 3 0	775,612 18 1
Tin Ore (estimated) - - - - -	686 0 0 0	
Lead Ore - - - - -	5,954 18 2 17	99,817 16 7
Zinc - - - - -	5,682 16 0 0	11,530 13 11
Zinc (estimated) - - - - -	12 0 0 0	
Iron Ore - - - - -	8,789 1 0 0	2,887 3 4
Iron Pyrites (<i>Mundic</i>) - - - - -	16,901 17 0 0	17,660 13 10
Arsenic - - - - -	530 19 2 0	886 10 9
Arsenic (estimated) - - - - -	8 10 0 0	
Gossan - - - - -	3,016 5 0 0	3,016 4 10
Silver Ore - - - - -	12 2 2 0	1,300 8 7
Nickel Ores - - - - -	0 15 2 22	23 10 10
Oxide of Iron - - - - -	- - - - -	7 7 0
Wolfram - - - - -	6 10 0 0	29 0 0
Total - - - - -	188,594 15 3 11	1,715,337 18 0
DEVONSHIRE:		
Copper Ores - - - - -	35,795 20 0 0	187,188 4 7
Tin Ore - - - - -	237 19 3 14	18,086 1 4
Lead Ore - - - - -	1,171 19 2 0	14,721 3 8
Zinc Ore - - - - -	50 15 3 0	1,110 9 6
Iron Pyrites (<i>Mundic</i>) - - - - -	1,572 12 1 0	1,156 7 9
Total - - - - -	38,829 7 1 14	222,262 6 10
CORNWALL - - - - -	188,594 15 3 11	1,715,337 18 0
DEVONSHIRE - - - - -	38,829 7 1 14	222,262 6 10
Total of entire Returns - - - - -	227,424 3 0 25	1,937,600 4 10

AN ACCOUNT showing the QUANTITY of ORE IMPORTED into the UNITED KINGDOM during the Year 1861 as given by Returns from the Examiner's Office of HER MAJESTY'S CUSTOMS.

POSTS AT WHICH RECEIVED.	Anti-mony Ore.	Anti-mony Regulus.	Cobalt Ore.	Copper Ore.	Copper Regulus.	Gold Ore.	Iron Ore.	Nickel Ore.	Manganese Ore.	Unenumerated Ore.	Lead Ore.	Sulphur Ore.	Platina Ore.	Silver Ore.	Tin Ore.
London	Tons. 2,281	Cwt. 616	Tons. —	Tons. 5,822	Tons. 377	Tons. 15	Tons. 431	Tons. 24	Tons. 26	Tons. 4,352	Tons. 173	Tons. 650	Cwt. 7	Tons. —	Tons. 246
Liverpool	—	—	—	30,695	4,602	—	190	65	7,626	1,720	1,317	36,070	—	1,234	256
Hull	—	6	119	—	—	—	68	2	76	—	—	589	—	—	—
Newcastle	—	—	—	626	—	—	1,628	—	6,081	—	—	29,194	—	—	—
Gloucester	—	—	—	—	—	—	—	—	307	—	—	2,497	—	—	—
Sunderland	—	—	—	—	—	—	—	—	—	—	—	2,491	—	—	—
Shields, South	—	—	—	—	—	—	—	—	—	—	—	706	—	—	—
" North	—	—	—	—	—	—	448	—	—	—	—	756	—	—	—
Ipswich	—	—	—	—	—	—	—	—	—	132	—	113	—	—	—
Bristol	—	—	—	18	—	—	—	—	3	369	452	2,152	—	—	—
Goole	—	—	—	—	—	—	—	—	33	—	—	112	—	—	—
Plymouth	—	—	—	—	—	—	—	—	—	—	—	990	—	—	—
Fowey	—	—	—	—	—	—	—	—	—	17	—	—	—	—	50
Southampton	—	—	583	416	—	—	2,074	—	—	—	23	—	—	123	—
Swansea	—	—	—	36,448	15,358	—	—	—	—	—	301	—	—	3,378	—
Llanelly	—	—	—	—	—	—	—	—	—	—	—	318	—	—	—
Aberdeen	—	—	—	130	—	—	—	—	—	—	35	16,440	—	—	—
Glasgow	—	—	—	—	—	—	—	—	5,763	—	—	450	—	—	—
Grangemouth	—	—	—	—	—	—	—	—	147	—	—	—	—	—	—
Londonderry	—	—	—	6	—	—	—	—	—	—	—	—	—	—	—
Cardiff	—	—	—	—	—	—	6,134	—	—	—	—	—	—	—	—
Newport	—	—	—	—	—	—	11,923	—	—	—	—	—	—	—	—
Hartlepool	—	—	—	—	—	—	546	—	—	—	—	—	—	—	—
Dublin	—	—	—	—	—	—	—	—	397	20	—	—	—	—	—
Belfast	—	—	—	—	—	—	—	—	175	30	—	—	—	—	—
Totals	2,281	622	708	74,163	20,317	15	23,442	91	20,694	6,640	2,301	93,528	7	4,735	552

1861.

GOLD.

The Vigra and Clogau Copper Mining Company report that they have raised during the year the following weight of this Precious Metal from their Mines in Merionethshire :—

From the Clogau Mountain, St. David's Lode,

2,886 ounces 3 dwts.

of Gold, yielding 2,784 standard ounces ; value

£10,816 17s. 0d.

MANGANESE.

						Value.
	Tons.	Cwt.				£ s.
Tavistock and Launceston Mines	-	925	15	-	2,925	10

1861.
IRON.

IRON ORE PRODUCE.

The following Summary is as closely correct as it is possible to obtain it; and, together with the details which follow, represent fully the value of the Iron industries of the United Kingdom.

—				Quantities.			Value.		
				Tons.	cwts.	qrs.	£	s.	d.
CORNWALL	-	-	-	26,262	8	0	8,372	1	4
DEVONSHIRE	-	-	-	5,399	0	0	2,159	12	0
SOMERSETSHIRE	-	-	-	32,763	4	0	16,381	12	0
GLOUCESTERSHIRE	-	-	-	100,419	15	0	45,189	8	9
WILTSHIRE	-	-	-	55,779	0	0	26,493	15	0
HAMPSHIRE	-	-	-	4,007	12	0	1,706	19	0
OXFORDSHIRE	-	-	-	5,600	0	0	2,100	0	0
NORTHAMPTONSHIRE, &c.	-	-	-	113,139	10	0	28,534	17	6
LINCOLNSHIRE	-	-	-	33,559	0	0	13,403	12	0
WARWICKSHIRE	-	-	-	15,250	0	0	4,000	0	0
STAFFORDSHIRE, North	-	-	-	499,195	0	0	174,711	19	0
Do.	South	-	-	727,500	0	0	227,342	10	0
SHROPSHIRE	-	-	-	223,400	0	0	48,403	6	0
DERBYSHIRE	-	-	-	396,520	0	0	99,180	0	0
YORKSHIRE	North Riding	-	-	1,130,760	19	0	169,368	15	0
	West Riding	-	-	235,500	0	0	53,875	0	0
LANCASHIRE	-	-	-	519,180	0	0	259,390	0	0
CUMBERLAND	-	-	-	472,195	0	0	259,680	6	0
NORTHUMBERLAND and	-	-	}	10,750	0	0	3,000	0	0
DURHAM	-	-							
WALES, North	-	-	-	86,500	0	0	22,425	0	0
Do.	South	-	-	545,705	12	0	172,287	6	0
SCOTLAND	-	-	-	1,975,000	0	0	658,333	0	0
IRELAND	-	-	-	165	0	0	66	0	0
ISLE OF MAN	-	-	-	967	8	0	816	13	5
Total	-	-	-	7,215,518	4	0	2,302,371	13	0

CORNWALL.*

No.	District or Mine.	Character of Ore.	Quantities.	Money Value.		
			Tons. cwt.	£	s.	d.
1	Restormel - - -	Brown Hæmatite -	5,518 19	2,069	12	1
2	Trebisken - - -	Ditto - - -	1,860 8	465	2	0
3	Retire - - -	Ditto - - -	2,566 0	1,026	8	0
4	Speedwell - - -	Ditto - - -	—	—	—	—
5	Bodinnick, St. Stephen's -	Ditto - - -	205 0	51	5	0
6	Indian Queen's - - -	Ditto - - -	234 0	70	0	0
7	Gover - - -	Ditto - - -	—	—	—	—
8	Tregwollans - - -	Ditto - - -	—	—	—	—
9	Coldvreath, Roche -	Ditto - - -	561 13	140	8	3
10	St. Austell - - -	Ditto - - -	214 0	53	10	0
11	Treliver, St. Columb -	Ditto - - -	37 0	9	5	0
12	Tretil - - -	Ditto - - -	—	—	—	—
13	Boscarne - - -	Ditto - - -	65 0	16	5	0
14	Dyehouse - - -	Ditto - - -	—	—	—	—
15	Lanjew - - -	Ditto - - -	—	—	—	—
16	Penhale - - -	Spathose - - -	—	—	—	—
17	Ladock - - -	- - -	59 7	15	0	0
18	Duchy and Peru - - -	Brown Hæmatite -	—	—	—	—
19	Great Retallack - - -	Ditto - - -	—	—	—	—
20	Woodley - - -	Ditto - - -	70 14	17	13	6
21	Nantallon, near Wadebridge -	Ditto - - -	—	—	—	—
22	Tresibble - - -	Ditto - - -	—	—	—	—
23	Treemoor, Wadebridge	Ditto - - -	375 10	93	17	6
24	Tregawne, Do. -	Ditto - - -	—	—	—	—
25	West Downs, Do. -	Ditto - - -	—	—	—	—
26	Trewheela, and Bennallack -	Ditto - - -	95 0	23	15	0
27	Pawton (Wadebridge) -	Ditto - - -	14,400 0	4,320	0	0
Total -			26,262 8	8,372	1	4

* The returns made to the Stannary Court have supplied the largest number of these quantities : some have been furnished from the mines.

From Padstow 8,209 tons of Orewas shipped during 1861.

DEVONSHIRE.

No.	District or Mine.	Character of Ore.	Quantities.	Money Value.
			Tons. cwts.	£ s. d.
1	Prawle Mine - -	Brown Hæmatite -	—	—
2	Dictor's Island (<i>Kingsbridge</i>) -	Ditto - -	—	—
3	Brixham (<i>Sharham point</i>) -	Ditto - -	5,257 0	2,102 16 0
4	Haytor and Ilington* -	Brown Hæmatite Micaceous.	68 0	27 4 0
5	Ditto† - - -	R. W. Wolston's Iron paint.	74 0	29 12 0
		Total -	5,399 0	2,159 12 0

* There was not any Iron Ore shipped at Teignmouth during 1861.

† This is a native per-oxide of iron.

SOMERSETSHIRE.

No.	District or Mine.	Character of Ore.	Quantities.	Value.
			Tons. cwts. qrs.	£ s. d.
1	Brendon and Eisen Hill -	Spathose Ore -	23,787 16 0	11,899 18 0
2	Yatton* - - -	Brown Hæmatite -	175 8 0	87 14 0
3	Ashton Vale - - -	Argillaceous & } Hæmatite. }	7,300 0 0	3,650 0 0
4	Ashton Hill - - -	Hæmatite. }		
5	Bristol (Sundries) - -	Argillaceous -	1,500 0 0	750 0 0
		Total -	32,763 4 0	16,381 12 0

* The Yatton ore is obtained from several spots in the Mendips; it was sent by the Bristol and Exeter Railway, to Bristol, only 175 tons 8 cwt. The Midland Railway carried 172 tons of iron ore from this district.

GLOUCESTERSHIRE.

FOREST OF DEAN.

IRON MINES IN THE FOREST.

No.	Name of Mine.	Where situated.
1	Buckshaft - - -	Cinderford.
2	Dun Pit - - -	Clearwell Meend.
3	Easter Iron Mines -	Ditto.
4	New China Level -	Noxon Park.
5	Oakwood Level - -	Oakwood, near Bream.
6	Old Park - - -	Lydney Old Park.
7	Old Sling Pit - -	Claylane End, near Clearwell.
8	Perseverance and Findal -	Soudley.
9	Shraves - - -	Bream.
10	Westbury Brook - -	Edge Hills, near Mitcheldean.
11	Lime Kiln Pool Level -	Lydbrook.
12	Injunction Iron Mine -	Mitcheldean Meend.
13	Dean's Meend - - -	Ditto ditto.

The Total Quantity of Iron Ore raised in the FOREST OF DEAN in 1861 was
99,415½ Tons, or 95,770 Tons exclusive of the Ore from Lord Dunraven's Land.

This Iron Ore was sent out of the Forest, or used at the Blast Furnaces within it, as follows:—

	Tons.	Total.	Value.
<i>Eastern Side.</i>			
By Railway, into Wales - - -	20,081	64,758½	£ 9,036 0 0
By Water, into Ditto - - -	2,377½		1,019 19 9
Consumed at CINDERFORD FURNACES	42,300		19,035 0 0
<i>Western Side.</i>			
By Railway, into Wales - - -	5,247½	35,661	2,361 5 3
By Water, into Ditto - - -	5,314		2,391 6 0
Bullo Pill Junction - - -	1,004		451 16 0
By Railway into Staffordshire - -	36½		16 10 9
By Water into Ditto - - -	447		201 3 0
By Water to Bristol - - -	3,444		1,599 16 0
Consumed at PARK END FURNACES -	19,640		8,839 0 0
Ditto at SONDRLEY - - -	528		237 12 0
Total - - -		100,419½	45,189 8 9

The Midland Railway carried 190 tons of ore out of Gloucestershire.

WILTSHIRE.

District or Mine.	Character of Ore.	Quantity.	Money Value.
		Tons. cwt. qrs.	£ s. d.
Westbury - - -	Hydrated Oxide -	37,529 0 0	17,825 0 0
Heywood - - -	Do. -	3,250 0 0	1,543 15 0
Seend* - - -	Do. -	15,000 0 0	7,125 0 0
	Total -	55,779 0 0	26,493 15 0

* Estimated ; no return obtained.

HAMPSHIRE.

District or Mine.	Character of Ore.	Quantity.	Money Value.
		Tons. cwt. qrs.	£ s. d.
Hengistbury Head - -	Sandy Argillaceous -	3,500 0 0	1,487 10 0
ISLE OF WIGHT - -	Do. -	507 12 0	219 9 0
	Total - -	4,007 12 0	1,706 19 0

OXFORDSHIRE.

District or Mine.	Character of Ore.	Quantity.	Value.		
		Tons. cwt. qrs.	£	s.	d.
Fawlor and Charlbury, near Woodstock.	Carbonate and Hydrated Oxide.	5,600 0 0	2,100	0	0
Steeple Aston - - -	Ditto - - -	Nil.	—	—	—
Addenbury - - -	Ditto - - -	Nil.	—	—	—
	Total -	5,600 0 0	2,100	0	0

NORTHAMPTONSHIRE, BUCKINGHAMSHIRE, ETC.

Name of Mine.	Owners.	Quantity.	Value.		
		Tons. cwt.	£	s.	d.
Desbro' Ironstone Works - -	J. Hickman - -	45,000 0	11,500	0	0
Duston - - -	} Pell and Co. -	29,136 10	7,284	2	6
Gayton near Blisworth - -		39,003 0	9,750	15	0
East End, Wellingborough -	Thos. Butlin and Co. -	—	—	—	—
Stamford - - -	J. Lumby - -	—	—	—	—
	Total -	113,139 10	23,534	17	6

DISTRIBUTION BY CANAL AND RAILWAY.

		Tons. cwt.
Carried by Coventry Canal - -	-	519 0
" by Midland Railway from Desborough - -	-	14,298 0
" " Rugby - -	-	—
" " Rushton - -	-	26,658 0
" " Wellingboro' - -	-	26,871 14
Total - -	-	68,346 14

*** LINCOLNSHIRE.**

Name of Mine.	Owner.	Tons.	Value.		
			£	s.	d.
Scunthorpe near Brig - -	Rowland Winn -	32,709	13,083	12	0
Kirton in Lindsey - -	Roseley and Oakley -	850	320	0	0
	Total -	33,559	13,403	12	0

* Carried by Manchester, Sheffield, and Lincolnshire Railway.

WARWICKSHIRE.

District or Mine.	Character of Ore.	Quantity.	Value.
Sundry Coal Districts - -	Argillaceous Carbonate	Tons. 15,250	£ 4,000
			s. d. 0 0

STAFFORDSHIRE, NORTH.

District or Mine.	Character of Ore.	Quantity.	Value.
		Tons, cwt., qrs.	£ s. d.
Churnet Valley - - - }	Hydrated Oxide -	349,195 0 0	122,211 19 0
Froghall - - - }	Argillaceous Carbonate	150,000 0 0	52,500 0 0
Other places - - -			
	Total -	499,195 0 0	174,711 19 0

The following Iron Ores were sent over the NORTH STAFFORDSHIRE RAILWAY and TRENT and MERSEY NAVIGATION :—

	Tons.
By Railway to South Staffordshire, uncalcined ore -	11,438*
" " calcined -	68,884
" used in "North Staffordshire, uncalcined ore	4,218*
" " calcined -	32,693
By Canal.—Froghall Ore, to South Staffordshire, un-	
calcined	100,839*
" calcined	103,791
" " to other places and used in	
district, uncalcined -	11,900*
" " calcined -	15,435
Total of ore -	349,195

* From Churnet Valley.

STAFFORDSHIRE, SOUTH.

District or Mine.	Character of Ore.	Quantity.	Value.
Coal Measures of the District	Argillaceous Carbonate	Tons. cwt. qrs. 727,500 0 0	£ s. d. 227,342 10 0

SHROPSHIRE.

District or Mine.	Character of Ore.	Quantity.	Value.
		Tons. cwts. qrs.	£ s. d.
Coal Measures generally -	Argillaceous Carbonate	223,400 0 0	48,403 6 0

DERBYSHIRE.

District or Mine.	Character of Ore.	Quantity.	Money Value.
		Tons. cwt. qrs.	£ s. d.
Coal Measures and sundry Ironstone beds.	Argillaceous Carbonate and Peroxide of Iron.	396,520 0 0	99,130 0 0

YORKSHIRE.

WEST RIDING.

District or Mine.	Character of Ore.	Quantity.	Money Value.
		Tons. cwt. qrs.	£ s. d.
Coal Measures generally	Argillaceous Carbonate	335,500 0 0	58,875 0 0

NORTH RIDING.

District or Mine.	Character of Ore.	Quantity.	Money Value.
		Tons. cwt. qrs.	£ s. d.
Eston Mines - - -	Carbonate and Oxide of Iron; chiefly a Carbonate of Protoxide of Iron.	565,285 0	84,792 15 0
Hutton Low Cross - - -		80,445 0	12,066 15 0
Upleatham - - -		288,191 9	43,228 13 0
Normanby - - -		83,471 0	12,520 13 0
Skelton - - -		9,500 0	1,475 0 0
Swainby - - -		—	—
Skinningrove - - -		—	—
Port Mulgrave - - -		—	—
Staithes - - -		—	—
Belmont, near <i>Guisbro'</i> - -		—	—
Rosedale Abbey - - -	Argillaceous Carbonate	*79,786 0	11,967 18 0
Bird's and Birtley - - -		8,868 0	1,034 19 0
Mirkside - - -		—	—
Grosmont - - -		14,988 0	2,248 4 0
Sundry Mines - - -		201 10	30 3 0
Woodfield - - -		25 0	3 15 0
White Lee - - -		—	—
Total - - -		1,130,760 19	169,368 15 0

* This consisted of unroasted ore - - - 52,100 Tons.
 roasted ore - - - 27,686 "
 Total - - - 79,786

RAILWAY DISTRIBUTION.

, Carried by the North-eastern Railway.

From	To	Weight to each District.	Total Weight.
	Tons. cwt.	Tons. cwt.	Tons. cwt.
CLEVELAND District, <i>via</i> STOCKTON AND DAR- LINGTON Railway.	NEWCASTLE DISTRICT, <i>viz.</i> — Washington - 30,719 6 Durham turnpike 7,934 10 Jarrow - - 6,625 11 Wylam - - 11,484 12	56,763 19	
Ditto - - -	STOCKTON DISTRICT, <i>viz.</i> Stockton - 19,752 1 Port Clarence - 250 18	20,002 19	
Ditto - - -	DARLINGTON DISTRICT, <i>viz.</i> — Ferryhill - - -	10,705 11	
Ditto - - -	MIDLAND DISTRICT, <i>viz.</i> — Leeds - - -	10 0	87,482 9
CLEVELAND District, <i>via</i> NORTH YORKSHIRE and CLEVELAND Railway.	STOCKTON DISTRICT, <i>viz.</i> — Stockton - 31,448 7 Norton - - 18,150 17 Middlesborough 18,681 18 Ormsby - 724 10 Port Clarence - 343 8 Eston - - 3,149 19	72,498 19	
Ditto - - -	NEWCASTLE DISTRICT, <i>viz.</i> — Cart House - - -	1,332 7	
Ditto - - -	DARLINGTON DISTRICT, <i>viz.</i> — Ferryhill - - -	34,328 0	108,159 6
WHITBY District - -	WHITBY DISTRICT, <i>viz.</i> — Whitby - - -	37,152 12	37,152 12
MALTON District - -	NEWCASTLE DISTRICT, <i>viz.</i> — Consett - - -	228 19	228 19
MIDLAND District - -	NEWCASTLE DISTRICT - - - Consett - - 489 5 Fence Houses - 140 11 Gateshead - 6 11	636 7	636 7
SEABORNE.			
Landed at Hartlepool Dock	DARLINGTON DISTRICT, <i>viz.</i> — Ferry Hill - - -	318 11	318 11
Ditto Hull Dock -	DARLINGTON DISTRICT, <i>viz.</i> — Haggerleases - - -	44 15	44 15
Ditto Tyne Dock -	NEWCASTLE DISTRICT, <i>viz.</i> — Washington - - -	599 5	
Ditto Ditto -	DARLINGTON DISTRICT, <i>viz.</i> — Ferryhill - - -	1,786 4	2,385 9
Do. Monkwearmouth Dck.	DARLINGTON DISTRICT, <i>viz.</i> — Ferryhill - - -	126 10	126 10
Total of Iron Ore sent from the North Yorkshire District -		- -	236,534 18

LANCASHIRE.

Hæmatite Iron Mines in the neighbourhood of ULVERSTONE in FURNES.

1. Adgarley	-	-	-	Messrs. Brogden.
2. Bolton Heads	-	-	-	Ditto.
3. Carr Kettle	-	-	-	Joseph Rawlinson.
4. Crossgates	-	-	-	Ditto.
5. Eure Pits	-	-	-	Messrs. Brogden and Kennedy.
6. Ditto	-	-	-	" Town and Rawlinson.
7. Elliscales	-	-	-	George B. Ashburner.
8. Gilbrow	-	-	-	Messrs. Harrison, Ainslie, and Co.
9. Lindale Cote	-	-	-	Brogden and Kennedy.
10. Lindale Moor	-	-	-	" Harrison, Ainslie, and Co.
11. Ditto	-	-	-	" Town and Rawlinson.
12. Newton Heads	-	-	-	" Schneider, Hannay, and Co.
13. Mousell	-	-	-	Ditto.
14. Old Hills	-	-	-	Ditto.
15. Park	-	-	-	Ditto.
16. Roanhead	-	-	-	Kennedy, Brothers.
17. Rickethills	-	-	-	Messrs. Town and Rawlinson.
18. Stainton and Adgarley*	-	-	-	" James and Sam. Gregson Fell.
19. Stainton	-	-	-	" Brogden.
20. Whitriggs	-	-	-	" Harrison, Ainslie, and Co.
21. Ditto	-	-	-	" Schneider, Hannay, and Co.
22. Allithwaite near Cartmel	-	-	-	Giles and Co.

* Suspended.

The TOTAL IRON ORE Produce in the FURNES (Ulverstone) DISTRICT in 1861, being

Exported by Ulverstone Canal	-	-	Tons.	3,317	} £259,590
" Ulverstone and Lancaster Railway	-	-	181,461		
" Furness Railway, shipped at Barrow	-	-	212,150		
Used at Ulverstone (Hindpool) Hæmatite furnaces	-	-	118,759		
From Broughton	-	-	493		
Backbarrow	} Furnaces used	-	-	-	}
Newland		-	-	-	
Barrow		-	-	3,000	
Total	-	-	519,180		

Carried by the North-Eastern Railway.

From	To	Weight to each District.	Total Weight.
ULVERSTONE ORE carried over the North-eastern Railway.	Tons. cwts.		
	STOCKTON DISTRICT, viz.:-		
	Middlesbro'	2,693 2	
	Stockton	169 6	
	North Shore	264 3	
		3,126 11	
	DARLINGTON DISTRICT, viz.:-		
	Darlington	1,753 2	
	Etherley	51 17	1,804 19
	NEWCASTLE DISTRICT, viz.:-		
	Consett	5,236 9	
	Gateshead	162 1	
	Millfield	380 9	
	Fence Houses	11 13	
	Durham	4 16	
	Tyne Dock	5 16	5,801 4
	MIDLAND DISTRICT, viz.:-		
	Leeds	-	1,105 2
	Total	-	11,837 16

CUMBERLAND.

IRON ORE.

HEMATITE IRON MINES near WHITEHAVEN in 1861.

No.	Name of Mines.	No. of Mines.	Names of Owner or Lessees.
1	Agnes Pit - - - -	2	Fletcher, Miller, and Co.
2	Birks - - - -	1	H. Attwood and Son.
3	Bigrigg Moor, &c. - -	5	S. and J. Lindow.
4	Bigrigg - - - -	2	A. Hill.
5	Do. - - - -	1	Wilsons, Peile, and Co.
6	Crowgarth - - - -	2	A. Hill.
7	Cleator - - - -	3	T. Ainsworth and Co.
8	Eskett - - - -	1	Eskett Ore Co.
9	Frizington Parks - -	2	D. and J. H. Robinson, R. Barker, and W. Thoburn.
10	High House and Crossgill -	2	S. W. Smith and Co.
11	Yeathouse - - - -	1	S. and J. Lindow.
12	Knockmurton - - - -	1	Thomas Carmichael.
13	Langhorne - - - -	2	Lord Lonsdale.
14	Parkside - - - -	*6	Fisher, Dees, Fletcher, and Musgrave.
15	Todholes - - - -	1	John Stirling.
16	Woodend - - - -	2	H. Attwood and Son.
17	Salter - - - -	1	Nicholson and Co.
18	Yetehouse - - - -	1	Fletcher, Miller, and Co.
19	Crossfield - - - -	1	John Stirling.
20	Lamplugh - - - -	1	Schneider Hannay & Co.
21	Do. - - - -	1	Tosh and Co.
22	Crossfield - - - -	1	Crossfield Mining Co.

* 157,754 tons of Hematite were produced from these mines.

HEMATITE IRON ORE sent from the WHITEHAVEN and ALSTON MOOR District in the Year 1861.

	Quantities.	Value.
	Tons.	£ s. d.
Quantity shipped at Whitehaven and at Workington - - - -	256,854	141,269 0 0
Quantity sent from Whitehaven out of the District - - - -	97,586	53,672 0 0
Quantity used at Iron Works at Cleator Moor, Workington, &c. - - - -	117,654	64,709 0 0
Total produce of the Whitehaven District -	472,094	259,650 0 0
ALSTON MOOR—		
Brown Hematite - - - -	101	30 6 0
Total produce of CUMBERLAND - - - -	472,195	259,680 6 0

This HÆMATITE ORE of Whitehaven was distributed as follows :—

	Tons.
To SOUTH WALES - - - -	207,384
„ STAFFORDSHIRE AND NORTH WALES by ship	23,799
„ Do. do. by rail -	585
„ SCOTLAND by ship	25,671
„ „ by rail -	31,446
„ NEWCASTLE AND CLEVELAND District -	65,555
IRON WORKS:	
Cleator Moor - - - - }	117,654
Workington, &c. - - - - }	
Total - - - -	<u>472,094</u>

RAILWAY DISTRIBUTION OF CUMBERLAND IRON ORE.

By NORTH-EASTERN RAILWAY.

From	To	Weight to each District.	Total Weight.
	Tons. cwt.	Tons. cwt.	Tons. cwt.
WHITEHAVEN Ore carried by North-eastern Railway	NEWCASTLE DISTRICT, viz.—		
	Consett - 41,221 1		
	Jarrow - 863 17		
	Wallsend - 140 1		
		42,224 19	
Ditto - - -	STOCKTON DISTRICT, viz.—		
	Middlesbro' - 82 14		
	Stockton - 216 5	298 19	
Ditto - - -	DARLINGTON DISTRICT, viz.—		
	Darlington - 937 11		
	Towlaw - 309 12	1,247 3	
	Ferry Hill - - -		
Total Ore carried by North-eastern Railway from Whitehaven District	- - - - }		43,771 1

By NEWCASTLE AND CARLISLE RAILWAY.

From	To	Weight.
WHITEHAVEN and ALSTON MOOR	Northumberland Iron Furnaces -	65,971 Tons.

NORTHUMBERLAND AND DURHAM.

District of Mines.	Character of Ore.	Quantity.	Value.
WEARDALE and NEWCASTLE District.	Brown Hæmatite and Argillaceous Carbonate.	Tons. 10,750	£ 3,000

STATEMENT OF IRON ORE conveyed over the North-eastern Railway.

From	To	Weight to each District.	Total Weight.
		Tons. cwts.	Tons. cwts.
NORTHUMBERLAND and District of NEWCASTLE and CARLISLE Railway.	Newcastle District, Consett - - - Pelaw - - -	3 8 118 3	121 6
	Darlington District, viz. Ferryhill - - -	- - -	101 3
NEWCASTLE District - -	Newcastle District, viz. Consett - - - Durham Turnpike - - -	720 0 105 0	825 0
DARLINGTON District -	Darlington District, viz. Ferryhill - - -	- - -	137 18
Total carried from Northumberland district		- - -	1,185 7

WALES, NORTH.

District or Mine.	Character of Ore.	Quantities.	Value.
		Tons. cwts. qrs.	£ s. d.
Carnarvonshire (Bettws Garmon)	Brown Hematite -	-	-
Flintshire:—			
Cwm Mountains * -	- - -	4,000 0 0	1,800 0 0
Denbighshire:—			
Brymbo - - -	Argillaceous Carbonate	82,500 0 0	20,625 0 0
Frood - - -			
Total - - -	- - -	86,500 0 0	22,425 0 0

* In 1860 there was produced 4,100 tons.

WALES, SOUTH.

District or Mine.	Character of Ore.	Quantities.	Value.
		Tons. cwts. qrs.	£ s. d.
Llantrissant -	Brown Hematite -	9,957 0 0	5,974 0 0
Mwynydd near Llantrissant -	Ditto -	35,104 0 0	21,062 8 0
Wenvoe -	Ditto -	500 0 0	300 0 0
Varteg Colliery -	Argillaceous Carb. -	250 0 0	100 0 0
Cwm Celyn -	Ditto -	75,500 0 0	22,500 0 0
Blaina -			
Coalbrook Vale -			
Abersychan -			
Victoria -	- - -	29,500 0 0	8,850 0 0
Ebbw Vale -	- - -	18,291 3 0	7,316 0 0
Ditto "Coal Brass" -	Ditto - - -	30,085 3 0	12,034 0 0
Sirhowy -	- - -	2,062 11 0	618 12 0
Ditto -	Argillaceous Carbonate	49,455 15 0	19,782 6 0
Cyfarthfa -	Black Band -		
Varteg and Golynos -	Argillaceous Carbonate and Black band -	295,000 0 0	73,750 0 0
Sundry Collieries -	- - -		
Saundersfoot -	Ditto shipped to Port Talbot -	1,522 0 0	750 0 0
Total - - -	- - -	548,227 12 0	173,037 6 0

SCOTLAND.

District or Mine.	Character of Ore.	Quantities.	Value.
		Tons. cwt. qrs.	£ s. d.
Coal Measure and Limestone Districts - - -	{ Argillaceous Carbonate, Black Band, and Hæmatite - - }	1,975,000 0 0	658,333 0 0

IRELAND.

District or Mine.	Character of Ore.	Quantities.	Value.
		Tons. cwt. qrs.	£ s. d.
Ballycastle - - -	Black Band - - }	165 0 0	66 0 0
Ballymurtagh - - -	Brown Hæmatite - }		

ISLE OF MAN.

District or Mine.	Character of Ore.	Quantities.	Value.
		Tons. cwt. qrs.	£ s. d.
Manghold Head - - -	Hæmatite - - -	745 8 0	693 13 5
Ballajura - - -	Ditto - - -	222 0 0	183 0 0
		967 8 0	816 13 5

1861.

PIG IRON MANUFACTURE.

THE total quantity of IRON ORE raised in the United Kingdom, as shown in the preceding Returns, amounted to 7,215,521 tons, which, at the place of production, had a money value of £2,302,371 13s.

The number of Furnaces in blast were,—

In ENGLAND	-	-	-	303½
WALES	-	-	-	142
SCOTLAND	-	-	-	124
Total	-	-	-	<u>569½</u>

SUMMARY OF PIG IRON PRODUCE IN 1861.

					Tons.
NORTHUMBERLAND	-	-	-	-	73,260
DURHAM	-	-	-	-	312,030
YORKSHIRE, North Riding	-	-	-	-	234,656
Do. West Riding	-	-	-	-	142,865
LANCASHIRE	-	-	-	-	109,377
CUMBERLAND	-	-	-	-	55,165
DERBYSHIRE	-	-	-	-	129,715
SHERIFFSHIRE	-	-	-	-	140,791
STAFFORDSHIRE, NORTH	-	-	-	-	187,700
Do. SOUTH	-	-	-	-	395,650
NORTHAMPTONSHIRE	-	-	-	-	7,730
GLOUCESTERSHIRE	-	-	-	-	23,163
WILTSHIRE	-	-	-	-	} 17,330
SOMERSETSHIRE	-	-	-	-	
NORTH WALES	-	-	-	-	46,658
SOUTH WALES, Anthracite	-	-	-	-	50,740
Do. Bituminous	-	-	-	-	835,560
SCOTLAND	-	-	-	-	950,000
TOTAL PRODUCE of the UNITED KINGDOM					<u>3,712,390</u>

This quantity, at £2 10s. per ton, taken as the mean average cost of production, would give the value of the Pig Iron at the works as—*

£9,280,975

The market prices of Pig Iron, "mixed numbers," were on the average—

	£	s.	d.
Welch Pig	-	-	3 10 0
Scotch Pig	-	-	2 9 7
Cleveland Pig	-	-	2 17 0
Staffordshire Pig	-	-	3 11 3

The mean average price deduced from all the sales being about £3 2s. 0d. per ton. This gives the market value of the Pig Iron produced as—

£11,508,409.

* I am led to believe the average cost has been taken too high in previous computations.

MARKET PRICES of PIG IRON, being the Average of each Week for the Year 1861.

The Week ending				Prices, Welsh Pig.	Prices, Scotch.	Prices, Cleveland.	Prices, Staffordshire.
				£ s. d.	£ s. d.	£ s. d.	£ s. d.
Jan.	4	-	-	3 10 0	2 9 6	2 17 0	3 11 3
"	11	-	-	3 10 0	2 9 6	2 17 0	3 11 3
"	18	-	-	3 10 0	2 9 6	2 17 0	3 11 3
"	25	-	-	3 10 0	2 9 6	2 17 0	3 11 3
Feb.	1	-	-	3 10 0	2 11 0	2 17 0	3 11 3
"	8	-	-	3 10 0	3 11 0	2 17 0	3 11 3
"	15	-	-	3 10 0	2 11 0	2 17 0	3 11 3
"	22	-	-	3 10 0	2 11 0	2 17 0	3 11 3
Mar.	1	-	-	3 10 0	2 11 0	2 17 0	3 11 3
"	8	-	-	3 10 0	2 9 0	2 17 0	3 11 3
"	15	-	-	3 10 0	2 9 0	2 17 0	3 11 3
"	22	-	-	3 10 0	2 9 0	2 17 0	3 11 3
"	29	-	-	3 10 0	2 9 0	2 17 0	3 11 3
Apr.	5	-	-	3 10 0	2 9 0	2 17 0	3 11 3
"	12	-	-	3 10 0	2 9 0	2 17 0	3 11 3
"	19	-	-	3 10 0	2 9 0	2 17 0	3 11 3
"	26	-	-	3 10 0	2 9 0	2 17 0	3 11 3
May	3	-	-	3 10 0	2 9 0	2 17 0	3 11 3
"	10	-	-	3 10 0	2 9 0	2 17 0	3 11 3
"	17	-	-	3 10 0	2 9 0	2 17 0	3 11 3
"	24	-	-	3 10 0	2 9 0	2 17 0	3 11 3
"	31	-	-	3 10 0	2 9 0	2 17 0	3 11 3
June	7	-	-	3 10 0	2 9 0	2 17 0	3 11 3
"	14	-	-	3 10 0	2 9 0	2 17 0	3 11 3
"	21	-	-	3 10 0	2 9 0	2 17 0	3 11 3
"	28	-	-	3 10 0	2 9 0	2 17 0	3 11 3
July	5	-	-	3 10 0	2 9 0	2 17 0	3 11 3
"	12	-	-	3 10 0	2 9 0	2 17 0	3 11 3
"	19	-	-	3 10 0	2 9 0	2 17 0	3 11 3
"	26	-	-	3 10 0	2 9 0	2 17 0	3 11 3
Aug.	2	-	-	3 10 0	2 9 0	2 17 0	3 11 3
"	9	-	-	3 10 0	2 9 0	2 17 0	3 11 3
"	16	-	-	3 10 0	2 9 0	2 17 0	3 11 3
"	23	-	-	3 10 0	2 9 0	2 17 0	3 11 3
"	30	-	-	3 10 0	2 9 0	2 17 0	3 11 3
Sept.	6	-	-	3 10 0	2 9 0	2 17 0	3 11 3
"	13	-	-	3 10 0	2 9 0	2 17 0	3 11 3
"	20	-	-	3 10 0	2 9 0	2 17 0	3 11 3
"	27	-	-	3 10 0	2 9 0	2 17 0	3 11 3
Oct.	4	-	-	3 10 0	2 9 0	2 17 0	3 11 3
"	11	-	-	3 10 0	2 9 0	2 17 0	3 11 3
"	18	-	-	3 10 0	2 9 0	2 17 0	3 11 3
"	25	-	-	3 10 0	2 9 0	2 17 0	3 11 3
Nov.	1	-	-	3 10 0	2 9 0	2 17 0	3 11 3
"	8	-	-	3 10 0	2 13 0	2 17 0	3 11 3
"	15	-	-	3 10 0	2 13 0	2 17 0	3 11 3
"	22	-	-	3 10 0	2 13 0	2 17 0	3 11 3
"	29	-	-	3 10 0	2 13 0	2 17 0	3 11 3
Dec.	6	-	-	3 10 0	2 13 0	2 17 0	3 11 3
"	13	-	-	3 10 0	2 13 0	2 17 0	3 11 3
"	20	-	-	3 10 0	2 13 0	2 17 0	3 11 3
"	27	-	-	3 10 0	2 13 0	2 17 0	3 11 3
Highest Price				3 10 0	2 13 0	2 17 0	3 11 3
Lowest Price				3 10 0	2 9 0	2 17 0	3 11 3
Mean average Price for the Year				3 10 0	2 9 7	2 17 0	3 11 3

PIG IRON.

NUMBER OF BLAST FURNACES in the UNITED KINGDOM in 1861.

COUNTY.	No. of Iron Works.	No. of Furnaces built.	No. of Furnaces in blast.
ENGLAND.			
NORTHUMBERLAND - - - - -	8	18	7
DURHAM - - - - -	19	60	32 $\frac{1}{2}$
YORKSHIRE, North Riding - - - - -	9	33	26
Do. West Riding - - - - -	12	34	27
LANCASHIRE - - - - -	4	12	10
CUMBERLAND - - - - -	5	13	8
DERBYSHIRE - - - - -	16	37	24
SHROPSHIRE - - - - -	13	31	22 $\frac{1}{2}$
NORTH STAFFORDSHIRE - - - - -	8	32	23 $\frac{1}{2}$
SOUTH do and WORCESTERSHIRE - - - - -	68	182	114
NORTHAMPTONSHIRE - - - - -	2	4	3
GLOUCESTERSHIRE - - - - -	4	9	3
WILTSHIRE - - - - -	2	4	2
SOMERSETSHIRE - - - - -	2	2	1
Total -	172	471	303 $\frac{1}{2}$
WALES.			
DENBIGHSHIRE, &c. - - - - -	8	12	5
GLAMORGANSHIRE, Anthracite - - - - -	4	18	9
Do. Bituminous - - - - -	17	78	59
BRECKNOCKSHIRE, Anthracite - - - - -	2	7	3
Do. Bituminous - - - - -	4	17	10
CAERMARTHENSHIRE, Anthracite - - - - -	2	4	2
PEMBROKESHIRE, do. - - - - -	1	2	0
MONMOUTHSHIRE, Bituminous - - - - -	15	74	54
Total -	53	212	142
SCOTLAND.			
AYRSHIRE - - - - -	8	43	35
LANARKSHIRE - - - - -	14	98	75
FIFESHIRE - - - - -	3	12	4
LINLITHGOWSHIRE - - - - -	1	4	4
STIRLINGSHIRE - - - - -	2	7	6
CLACKMANNANSHIRE - - - - -	1	3	0
HADDINGTONSHIRE - - - - -	1	1	0
ARGYLESIRE - - - - -	1	1	0
Total -	31	169	124

IRON MANUFACTURE.

ENGLAND.

Details of the Number of BLAST FURNACES in Blast, and of the Quantities of PIG IRON made, in the respective Iron-making Counties.

NORTHUMBERLAND.

TOTAL NUMBER OF FURNACES IN BLAST, 7.

No.	Names of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
NORTHUMBERLAND.					
1	Bedlington - .	Bedlington Iron Company -	2	0	
2	Brinkburn - -	Brinkburn Iron Company -	2	0	
3	Haltwhistle - -	Joseph Beasley, jun. -	1	0	
4	Hareshaw - -	Hareshaw Iron Company -	3	0	
5	Tyne - -	Tyne Iron Company -	2	1	
6	Walker - -	Losh, Wilson, and Bell -	5	3	
7	Wallsend - -	Jarrow Iron Company -	2	2	
8	Wylam - -	Bell, Brothers - -	1	1	
Total - -			18	7	7

PIG IRON.

Total Produce of Northumberland - - 73,260 Tons.

DURHAM.

TOTAL NUMBER OF FURNACES IN BLAST, 32½.

1	Birtley - -	Birtley Iron Company -	3	2	
2	Bishop Wearmouth -	Derwent & Consett Iron Co. -			
3	Bradley (Shotley Bridge) - -	Do. - - -	18	7½	
4	Consett - -	Do. - - -			
5	Crook Hall - -	Do. - - -			
6	Clarence - -	Bell, Brothers - -	6	5	
7	Felling - -	H. L. Pattinson and Co. -	2	0	
8	Ferry Hill - -	James Morrison - -	3	2	
9	Jarrow - -	Jarrow Iron Company -	2	2	
10	Norton - -	Warners, Lucas, and Barrett -	3	2	
11	South Durham - -	South Durham Iron Company -	3	2	
12	Stanhope - -	Weardale Iron Company -	1	0	
13	Stockton-on-Tees -	Holdsworth, Bennington, Byers, and Co. -	3	2	
14	Thornaby - -	W. Whitwell & Co. -	3	0	
15	Towlaw - -	Do. - - -	5	3	
16	Vane and Seaham -	Marquioness of Londonderry -	2	0	
17	Washington - -	Washington Iron Company -	1	0	
18	Wear - -	Bells, Hawks, and Co. -	1	1	
19	Witton Park - -	Bolckow and Vaughan -	4	4	
Total - -			60	32½	32½

PIG IRON.

Total produce of Durham - - 312,030 Tons.

YORKSHIRE.

THE NORTH RIDING OF CLEVELAND DISTRICT.

TOTAL NUMBER OF FURNACES IN BLAST, 26.

No.	Names of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
1	Beck Hole - -	Whitby Iron Company -	2	0	
2	Clay Lane - -	Clay Lane Iron Company -	3	2	
3	Cleveland - -	Bolckow and Vaughan -	12	12*	
4	Middlesbro' - -	Do. - -			
5	Normanby - -	Jones, Dunning, and Co. -	2	2	
6	Ormesby - -	Cochrane and Co. -	4	3	
7	South Bank - -	B. Samuelson and Co. -	3	3†	
8	Tees - -	Gilkes, Wilson, Pease, & Co. -	5	2	
9	Tees Side - -	Hopkins and Co. -	2	2	
Total - -			33	26	26

* Of Messrs. Bolckow and Vaughan's Furnaces, including those in Durham, 16 were in blast for 9 months, and 14 for 3 months.

† 1 for 3 months.

PIG IRON.

Total Produce of the North Riding - 234,656 Tons.

From the IRON MINES of the CLEVELAND DISTRICT the following furnaces in Yorkshire and Durham have been supplied with Ironstone to such an extent that they fairly represent the make of Pig Iron from the Cleveland Iron Ore :—

YORKSHIRE.	Furnaces in blast.
Clay Lane - -	2
Cleveland - -	12
Middlesbro' - -	
Ormesby - -	3
South Bank - -	3
Tees - -	2
Tees Side - -	2
DURHAM.	
Clarence - -	5
Derwent Iron Company's Furnaces - -	7
Norton - -	2
South Durham - -	2
Stockton - -	2
Witton Park - -	4
	<u>46</u>

The make of Pig Iron from these 46 furnaces, some of which have not been in blast during the whole of the year, has been

406,223 Tons.

As divided in Counties, the following is the summary of the produce of the Ironworks around the Great Northern Coal field :—

NORTHUMBERLAND - -	73,260 Tons.
DURHAM - -	312,030 "
YORKSHIRE (North Riding) - -	234,656 "
	<u>619,946 "</u>

YORKSHIRE.

WEST RIDING OF COAL MEASURE DISTRICT.

TOTAL NUMBER OF FURNACES IN BLAST, 27.

No.	Name of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
1	Beeston Manor -	A. Harding and Co. -	2	2	
2	Bierley -	Hird, Dawson, and Hardy -	4	3	
3	Bowling -	Sturge and Co. -	6	5	
4	Chapeltown -	Newton, Chambers, and Co.	2	0	
5	Elsecar -	W. H. and George Dawes -	2	2	
6	Farnley -	Armitage and Co. -	4	4*	
7	Holmes -	S. Beale and Co. -	2	2	
8	Low Moor -	Hird, Dawson, and Hardy -	5	3	
9	Milton -	W. H. and George Dawes -	2	2	
10	Parkgate -	S. Beale and Co. -	2	2	
11	Thornccliffe -	Newton, Chambers, and Co.	2	2	
12	Worsborough -	Field, Cooper, and Co.	1	0	
Total -			34	27	27

* 3 in blast for 38 weeks, 4 in blast for 14 weeks.

PIG IRON.

Total Produce of WEST RIDING	-	-	142,865 Tons.
" " NORTH RIDING	-	-	234,656 "
Total Produce of YORKSHIRE	-	-	<u>377,521 "</u>

LANCASHIRE.

FURNACES IN BLAST (CHARCOAL) 2 } 10
(ORDINARY) 8 }

No.	Name of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
1	Ulverstone Hæmatite	Schneider, Hannay, and Co.	6	5*	
2	Newland				
3	Backbarrow	Harrison, Ainslie, and Co.	2	2†	
4	Kirkless Hall	Kirkless Hall Company	4	3	
Total - -			12	10	12

* 4 in blast for 10 months, 5 in blast for 2 months.

† Part of the year only.

Total Produce of LANCASHIRE Charcoal } 109,377 Tons.
and Hæmatite Pig Iron - - }

CUMBERLAND.

TOTAL NUMBER OF FURNACES IN BLAST, 8.

No.	Names of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
1	Cleator Moor -	Whitehaven Hematite Iron Company - - -	4	4*	
2	Duddon - -	Harrison, Ainslie, and Co. -	1	0	
3	Harrington - -	C. H. Plevins - -	1	0	
4	Seaton - -	S. W. Smith and Company -	1	0	
5	Workington - -	Workington Iron Company -	6	4	
		Total - -	13	8	8

* 4 part of the year in blast, and 3 the remainder.

PIG IRON.

Total Produce of CUMBERLAND - - 55,165 Tons.

DERBYSHIRE.

TOTAL NUMBER OF FURNACES IN BLAST, 24.

No.	Names of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
1	Alfreton - -	J. Oakes and Company -	3	2	
2	Brimington Moor -	J. Knowles - -	1	0	
3	Butterley Park -	Butterley Company -	3	2	
4	Clay Cross - -	Clay Cross Company -	3	1	
5	Codnor - -	Do. - -	4	3	
6	Morley Park -	Charles C. Disney - -	2	2*	
7	Newbold - -	S. Beale and Company -	1	1	
8	Oakerthorpe -	Oakerthorpe Iron Company -	2	1†	
9	Renishaw - -	F.R. and C.E. Appleby -	2	1	
10	Sheepbridge - -	Dunston, Barlow, and Co. -	3	2	
11	Stanton - -	Crompton and Company -	3	2	
12	Staveley - -	Richard Barrow - -	2	2	
13	Unstone - -	Henry Rangely - -	1	1	
14	West Hallam -	H. B. Whitehouse & Sons	3	2‡	
15	Wingerworth -	Wingerworth Iron Company	3	2§	
16	Wingfield - -	Messrs. Marshall - -	1	0	
		Total - -	37	24	24

* 1 Furnace in blast 5 months—Cold blast only employed at these works.

† 1 Furnace in blast to the beginning of September.

‡ 1 Hot blast during the year, the 2d hot blast for 37 weeks, and cold blast for 15 weeks.

§ 1 Furnace in blast 8 months only.

PIG IRON.

Total Produce of DERBYSHIRE - 129,715 Tons.

SHROPSHIRE.

TOTAL NUMBER OF FURNACES IN BLAST, 22½.

No.	Names of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
1	Dark Lane - -	Beriah Botfield - -	2	1	
2	Dawley - -	Coalbrookdale Company -	2	2	
3	Hinkshay - -	Beriah Botfield - -	2	1	
4	Horsehay - -	Coalbrookdale Company -	1	0	
5	Ketley - -	The Ketley Company -	2	1	
6	Langley Field -	Beriah Botfield - -	1	0	
7	Lawley - -	Coalbrookdale Company -	1	1	
8	Light Moor - -	Do. - -	2	1	
9	Lodge Wood - -	Lilleshall Company -	4	3½	
10	Madeley Court -	W. O. Foster - -	3	2	
11	Madeley Wood -	Madeley Wood Company -	3	3	
12	Prior's Lee - -	Lilleshall Company -	4	4	
13	Stirchley, Shifnall -	Old Park Company -	4	3	
Total - -			31	22½	22½

PIG IRON.

Total Produce of SHROPSHIRE - - 140,791 Tons.

NORTH STAFFORDSHIRE.

TOTAL NUMBER OF FURNACES IN BLAST, 23½.

No	Names of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
1	Apedale - -	J. E. Heathcote - -	4	3	
2	Biddulph Works -	Robert Heath - -	3	3	
3	Clough Hall - -	Trustees of T. Kinnersley -	4	2	
4	Fenton Park - -	Lawton and Co - -	2	2	
5	Goldendale - -	Williamson, Brothers -	4	2	
6	Lane End, Longton -	W. H. Sparrow and Son -	3	3	
7	Shelton - -	Earl Granville - -	8	6½	
8	Silverdale - -	F. Stanier and Son -	4	2	
Total - -			32	23½	23½

PIG IRON.

Total Produce of NORTH STAFFORDSHIRE - 187,700 Tons.

SOUTH STAFFORDSHIRE AND WORCESTERSHIRE.

TOTAL NUMBER OF FURNACES IN BLAST, 114.

No.	Names of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
1	Barborsfield - -	Shale and Fowler - -	2	0	
2	Bentley - -	Chillington Iron Co. - -	2*	2	
3	Birchills - -	William & Brothers - -	2	0	
4	Birchills, <i>Walsall</i> - -	John Jones - -	5	2†	
5	Bloxwich Green Lanes, } <i>Walsall</i> - -	T. and C. Highway - -	-	-	
6	Bovereux, <i>Bilston</i> - -	Wm. Baldwin and Co. - -	2	1‡	
7	Bradley - -	G. B. Thorneycroft and Co. - -	2	2§	
8	Brettell Lane - -	Hall, Holcroft, and Pearsons - -	2	2	
9	Broadwaters - -	S. Groucutt and Sons - -	3	3	
10	Brook (<i>Bilston</i>) - -	Samuel Griffiths - -	3	2	
11	Capponfield - -	John Bagnall and Sons - -	3	2	
12	Chillington - -	Chillington Iron Company - -	4	3	
13	Coneygree, <i>Tipton</i> - -	Earl of Dudley - -	3	2	
14	Corbyn's Hall, <i>Dudley</i> - -	Wm. Mathews - -	4	2	
15	" New, " - -	Benjamin Gibbons - -	4	2	
16	Corngeaves - -	New British Iron Co. - -	6	4	
17	Coseley, <i>Bilston</i> - -	Jos. and Thomas Turley - -	2	2	
18	Darlaston Green - -	Samuel Mills - -	3	3	
19	Deepfields, <i>Bilston</i> - -	Samuel Pemberton - -	3	0	
20	" - -	S. Groucutt and Sons - -	-	-	
21	Dixon's Green, <i>Dudley</i> - -	William Haden - -	1	0	
22	Dudley Port - -	Thos. Morris and Son - -	-	-	
23	" - -	Hopkins and Son - -	2	2	
24	Ettingshall, <i>Bilston</i> - -	T. Banks and Son - -	-	-	
25	Golda Green West Brom- } wich - -	John Bagnall and Sons - -	3	2	
26	Hallfields - -	Moorcroft Colliery Co. - -	-	-	
27	Hatherton - -	William F. Fryer - -	2	1	
28	Herbert's Park, <i>Bilston</i> - -	David Jones - -	1	0	
29	Horseley, <i>Tipton</i> - -	Colbourn and Sons - -	4	3	
30	Ketley's, <i>Dudley</i> - -	B. Gibbons - -	3	0	
31	Lays Stourbridge - -	G. and W. Firmstone - -	3	3	
32	Level, New, <i>Brierley Hill</i> - -	Earl of Dudley - -	3	3	
33	" Old " - -	Hall, Holcroft, and Pearson - -	2	1	
34	Millfield, <i>Bilston</i> - -	Benjamin Gibbon - -	4	4	
35	Moseley - -	Chillington Iron Company - -	3	0	
36	Netherton - -	M. and W. Grazebrook - -	2	2	
37	New Birchills - -	John Jones - -	5	2	
38	New Furnaces, <i>Bilston</i> - -	S. H. Blackwell and Co. - -	5	0	
39	Oak Farm, <i>Dudley</i> - -	G. and W. Firmstone - -	2	2	
40	Oldbury - -	William Bennitt - -	4	4	
		Carried over - - -	104	63	

* The Chillington Iron Co. in all their Works in 1861, 9 Furnaces built and 5 in blast.

† 1 in blast for 6 months.

‡ In blast for 3 months.

§ In blast for 6 months.

|| Cold blast only employed.

SOUTH STAFFORDSHIRE AND WORCESTERSHIRE—continued.

No.	Names of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
	Brought forward	- - -	104	63	
41	Old Hill, <i>Dudley</i>	T. and J. Badger	2	0	
42	Old Park, <i>Wednesbury</i>	Lloyds, Foster, and Co.	3	3	
43	Osier Bed	Osier Bed Iron Co.	3	2	
44	Park Head	Evers and Martin	2	1	
45	Parkfield	Parkfield Iron Company	5	4*	
46	Park Lane, <i>Tipton</i>	Thomas Morris	2	1	
47	Pelsall	Davis, Bloomer, and So	2	2	
48	Priestfield	W. M. Ward and Sons	3	2	
49	Do. New	Do. do.	2	1	
50	Priors Field	H. B. Whitehouse	3	2	
51	Rough Hay, <i>Darlaston</i>	Addenbrookes, Smith, and Pidcock	3	2	
52	Roughwood	F. C. Perry (late)	2	0	
53	Russell's Hall, <i>Dudley</i>	S. H. Blackwell and Co.	5	1	
54	Shut End, <i>Kingswinford</i>	John Bradley and Co.	4	2	
55	Spring Vale, <i>Bilston</i>	Jones and Murcott	3	2	
56	Stone Field	G. H. and A. Hickman (late)	1	1	
57	Stour Valley	W. J. and G. Onions	2	2	
58	Stow Heath	W. H. Sparrow and Co.	4	3†	
59	Tipton	E. Cresswell and Sons	2	2	
60	Tipton Green	Roberts and Humfrey	4	3	
61	Union	Phillip Williams and Co.	3	2	
62	Wednesbury Oak	Ditto and Co.	3	2	
63	Willenhall	Fletcher, Solly, and Urwick	3	2	
64	Willingsworth	Job and Henry Haines	3	2	
65	Windmill End (<i>Old</i>)	Samuel Griffiths	3	2	
66	Withymoor	William Henry Dawes	2	2	
67	Wolverhampton	Isaiah Aston and Co.	3	1	
68	Woodside	Cochrane and Company	3	2	
	Total	- - -	182	114	114

* 1 Furnace in blast for 7 months only.

† 3 Furnaces for 8 months, and 2 for remainder of year.

	PIG IRON.	Tons.
The Total Produce of SOUTH STAFFORDSHIRE	-	395,650
Do. of NORTH STAFFORDSHIRE	-	187,700
Total Produce of STAFFORDSHIRE	-	583,350

NORTHAMPTONSHIRE.

TOTAL NUMBER OF FURNACES IN BLAST, 3.

No.	Names of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
1	East End (Wellingborough)	Thos. Butler and Co.	1	1	
2	Heyford (Weedon)	S. Griffiths	3	2	
	Total	-	4	3	3

PIG IRON.

The Total Produce of NORTHAMPTONSHIRE, 7,730 Tons.

GLOUCESTERSHIRE.**FOREST OF DEAN.****TOTAL NUMBER OF FURNACES IN BLAST, 3.**

No.	Names of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
1	Newnham - -	Cinderford Iron Company -	4	2	
2	Oakwood - -	Ebbw Vale Company -	1	0	
3	Park End - -	James and Greenham -	2	1	
4	Soudley - -	Benjamin Gibbons -	2	0	
		Total -	9	3	3

PIG IRON.

The Total Quantity of Pig Iron made was - 23,163 Tons.

WILTSHIRE.**FURNACES IN BLAST, 2.**

No.	Names of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
1	Seend - -	Sarl and Sons - -	2	0	
2	Westbury - -	Westbury Iron Co. (Limited)	2	2*	
		Total -	4	2	2

* One furnace in blast for eight months only.

PIG IRON.

The produce of Wiltshire is included in that of Somersetshire.

SOMERSETSHIRE.**FURNACES IN BLAST, 1.**

No.	Names of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
1	Ashton Vale - -	Edwin Knight and Co. -	1	1	
2	Pennywell Road -	George Chick - -	1	0	
		Total -	2	1	1

PIG IRON.

Produce of SOMERSETSHIRE and WILTSHIRE - 17,330 Tons.

WALES.**NORTH WALES.****DENBIGHSHIRE.****BLAST FURNACES.**

TOTAL NUMBER OF FURNACES IN BLAST, 5.

No.	Names of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
1	Brymbo - -	Messrs. Darby and Co. -	2	2	
2	Dolydd - -	Great Western Company -	-	-	
3	Frood - -	Jas. Sparrow and Poole -	2	1	
4	Leeswood - -	Sharp and Co. - -	2	1	
5	Plas Issa - -	Ponkey Iron Company -	1	0	
6	Plaskynaston - -	John Dickin - -	1	0	
7	Ponkey - -	Ponkey Iron Company -	1	0	
8	Ruabon - -	New British Iron Company -	3	1	
Total - -			12	5	5

PIG IRON.

Total Produce of DENBIGHSHIRE - - 46,658 Tons.

SOUTH WALES.

TOTAL NUMBER OF FURNACES IN BLAST.

ANTHRACITE DISTRICT - - - 15

BITUMINOUS DISTRICT :

GLAMORGANSHIRE - - - 59

BRECKNOCKSHIRE - - - 10

MONMOUTHSHIRE - - - 54

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FURNACES USING ANTHRACITE, 9.

No.	Names of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
GLAMORGANSHIRE.					
1	Abernant, Glyn Neath	Abernant Iron Company -	3	1*	
2	Banwen - -	Llewelyn and Co. - -	2	2	
3	Venalt † - -	N. Vaughan - -	2	0	
4	Ystalyfera - -	Ystalyfera Iron Company -	11	7	
Total - -			18	9	9

* For a portion of the year only.

† Dismantled and not likely to resume operations.

FURNACES USING ANTHRACITE.

No.	Names of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
BRECKNOCKSHIRE.					
1	Abercrave - -	T. Walters - -	1	1	
2	Yniscedwyn -	Yniscedwyn Iron Company -	6	2	
		Total - -	7	3	3

CAERMARTHENSHIRE.					
1	Amman - -	Henry Strick and Co. -	2	1	
2	Gwendreath -	Daniel Watney - -	2	1	
		Total -	4	2	2

PEMBROKESHIRE.					
1	Kilgetty (Narberth) -	Pembrokeshire Iron and Coal Company - -	2	0	0

PIG IRON.

The Total Produce of ANTHRACITE IRON - 50,740 Tons.*

* During the year the shipments from SAUNDERSFOOT of Anthracite Iron sent coastwise, principally to South Wales, was 4,683½ tons.

GLAMORGANSHIRE.

FURNACES USING BITUMINOUS COAL

TOTAL NUMBER OF FURNACES IN BLAST, 59.

1	Aberamman - -	Crawshay Bailey - -	3	3	
2	Aberdare - -	Fothergill and Hankey - -	6	5	
3	Abernant - -	Ditto - -			
4	Briton Ferry - -	Briton Ferry Iron Company	2	2	
5	Cwm Avon - -	Governor and Co. of Copper Miners - -	5	2	
6	Cyfarthfa - -	William Crawshay - -	7	7	
7	Dowlais - -	Dowlais Iron Co. - -	17	15	
8	Duffryn - -	Anthony Hill - -	5	5	
9	Gadlys - -	Wayne and Co. - -	4	4*	
10	Llwynvi Vale - -	Llwynvi Vale Iron Co. -	4	3	
11	Oakwood - -	Governor and Co. of Copper Miners - -	2	1	
12	Pentyrch - -	T. W. Booker and Co. -	2	1	
13	Penydarren † -	Penydarren Iron Company -	7	0	
14	Plymouth - -	Anthony Hill - -	5	5	
15	Pontypridd - -	Francis Crawshay - -	3	0	
16	Tondu - -	John Brogden and Sons -	2	2	
17	Ynisfach - -	William Crawshay - -	4	4	
		Total - -	78	59	59

* 3 for 11 months, and 1 for 1 month.

† These works are now closed.

PIG IRON.

Total Produce of GLAMORGANSHIRE - 453,821 Tons.

No.	Names of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
BRECKNOCKSHIRE.					
TOTAL NUMBER OF FURNACES IN BLAST, 10.					
1	Beaufort - - -	Sir Jos. and C. Bailey - -	7	6	
2	Clydach* - - -	Clydach Iron Co. - -	4	3	
3	Hirwain - - -	Francis Crawshay - -	4	0	
4	Onllwyn - - -	William Parsons - -	2	1	
	Panty Prid - - -				
		Total - - -	17	10	10

PIG IRON.Total Produce of **BRECKNOCKSHIRE** - 43,300 Tons.**MONMOUTHSHIRE.****TOTAL NUMBER OF FURNACES IN BLAST, 54.**

1	Abersychan - - -	Ebbw Vale Co. - - -	6	4†	
2	Blaenavon - - -	Blaenavon Iron Co. - -	6	5	
3	Blaina - - -	Fred. Levick and R. Simpson	6	6‡	
4	Coalbrook Vale - -	Do. - - -			
5	Cwm Celyn - - -	Do. - - -			
6	Cwmbrân - - -	R. S. Roper and Co. - -	1	1	
7	Ebbw Vale - - -	Ebbw Vale Iron Co. - -	4	3§	
8	Nantyglo - - -	Sir Jos. H. Bailey - -	12	12	
9	Pentwyn - - -	Ebbw Vale Iron Co. - -	3	0	
10	Pontypool - - -	Pontypool Iron Co. - -	4	4	
11	Rhymney and Bute -	Rhymney Iron Co. - -	9	6	
12	Sirbowy - - -	Ebbw Vale Iron Co. - -	5	3	
13	Tredegar - - -	Tredegar Iron Co. - -	9	7	
14	Varteg and Golynos -	Crawshay Bailey and Wm. Morgan - - -	5	0	
15	Victoria - - -	Ebbw Vale Iron Co. - -	4	3§	
		Total - - -	74	54	54

* Out of blast since October last.

† 2 Furnaces for 1 month only.

‡ 5 Furnaces for a part of the year only.

§ 1 Furnace in blast for 3 weeks only.

|| 1 Furnace in blast for 16 weeks only.

PIG IRON.Total Produce of **MONMOUTHSHIRE** - 338,439 Tons.Total Produce of **SOUTH WALES.**

			Tons.	Tons.
ANTHRACITE DISTRICT	-	GLAMORGANSHIRE	-	
		BRECKNOCKSHIRE	-	
		CAERMARTHENSHIRE	-	
		PEMBROKESHIRE	-	
			-	50,740
BITUMINOUS DISTRICT	-	GLAMORGANSHIRE	-	453,821
		BRECKNOCKSHIRE	-	43,300
		MONMOUTHSHIRE	-	338,439
				<u>835,560</u>
		Total	-	<u>886,300</u>

SCOTLAND.

TOTAL NUMBER OF FURNACES IN BLAST, 124.

No.	Names of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.

AYRSHIRE.

TOTAL NUMBER OF FURNACES IN BLAST, 35.

1	Ardeer - - -	Merry and Cunningham -	4	4	
2	Blair - - -	Wm. Baird and Co. -	5	4	
3	Dalmellington - -	Dalmellington Iron Co. -	5	4	
4	Eglinton - - -	Wm. Baird and Co. -	8	8	
5	Glengarnock - -	Merry and Cunningham -	9	8	
6	Lugar - - -	Wm. Baird and Co. -	4	0	
7	Muirkirk - - -	Do. - - -	3	3	
8	Portland - - -	Freeland and Lancaster -	5	4	
Total -			43	35	35

LANARKSHIRE.

TOTAL NUMBER OF FURNACES IN BLAST, 75.

1	Calder - - -	William Dixon - - -	8	6	
2	Carnbroe - - -	Merry and Cunningham -	6	4	
3	Castle Hills - -	Shotts' Iron Co. - - -	3	0	
4	Clyde and Quarter -	Colin, Dunlop, and Co. -	8	7	
5	Coltness - - -	Coltness Iron Co. - - -	9	9	
6	Dundyvan - - -	John Wilson's Trustees -	8	3	
7	Gartsherrie - - -	William Baird and Co. -	16	13	
8	Govan - - -	William Dixon - - -	5	3	
9	Langloan - - -	Addie and Rankin - - -	6	6	
10	Monkland - - -	Monkland Iron and Steel Co.	9	8	
11	Omoa - - -	Robert Stewart - - -	4	3	
12	Shotts - - -	Shotts' Iron Co. - - -	5	3	
13	Summerlee - - -	Wilsons and Co. - - -	8	8	
14	Wishaw - - -	Robert Bell - - -	3	2*	
Total - -			98	75	75

* 1 for 5 weeks, and the other for 5½ months.

FIFESHIRE.

FURNACES IN BLAST, .

1	Forth - - -	Forth Iron Co. - - -	7	3	
2	Lochgelly - - -	Lochgelly Iron Co. - - -	4	0	
3	Lumphinnans - -	Alex. Christie and Co. -	1	1†	
Total - -			12	4	4

† For 6 weeks only.

LINLITHGOWSHIRE.

1	Kinniel - - -	William Wilson and Co. -	4	4	4
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No.	Names of Works.	Owners.	Furnaces built.	Furnaces in blast.	Furnaces in blast in District.
		Brought forward - -			

STIRLINGSHIRE.

1	Almond - - -	James Russel and Son - -	3	2	
2	Carron - - -	Carron Company - -	4	4	
		Total - - -	7	6	6

CLACKMANNANSHIRE.

1	Devon - - -	J. Miller - - -	3	0	
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HADDINGTONSHIRE.

1	Gladsmuir or Westbank - - -	C. and A. Christie - -	1	0	
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ARGYLESIRE.

1	Lorn - - -	Harrison, Ainslie, and Co. -	1	0	
		Total of Scotland - -	169	124	124

PIG IRON.

Total Produce of Scotland 950,000 Tons.

The details of this are as follows :—

				No.
Furnaces, built	-	-	-	169
Do. in blast	-	-	-	124
Idle	-	-	-	45

				Tons.
Pig Iron sent to England and Ireland	-	-	-	390,129
" " Foreign Countries	-	-	-	266,871
" used in Scotch Forges	-	-	-	353,000
				<u>950,000</u>

				£ s. d.
Highest price	-	-	-	2 13 0 per Ton.
Lowest price	-	-	-	2 9 0 "
Mean price	-	-	-	2 9 7 "

F

COMPARATIVE VALUE of SCOTCH PIG IRON.

Year.	Highest.	Lowest.	Mean Average of Year.
	£ s. d.	£ s. d.	£ s. d.
1854	4 11 9	3 4 3	3 19 7
1855	4 4 0	2 14 0	3 10 0
1856	4 1 0	3 5 9	3 12 3
1857	4 2 6	2 8 3	3 9 2
1858	3 0 0	2 12 0	2 14 4
1859	2 18 10	2 7 0	2 11 9
1860	3 1 6	2 9 4	2 13 6
1861	2 13 0	2 9 0	2 9 7

EXPORTATION of SCOTCH PIG IRON
for the three Years ending 1861.

Countries receiving Exports.	1859.	1860.	1861.
	Tons.	Tons.	Tons.
To France - - - -	51,345	50,941	61,632
Germany - - - -	34,716	37,458	53,971
Holland - - - -	28,499	32,011	40,248
Denmark, &c. - - -	5,910	4,896	7,565
Sweden and Norway - - -	1,886	1,207	2,613
Russia - - - -	5,669	3,925	876
Belgium - - - -	1,137	—	264
Jersey and Guernsey - - -	235	195	253
Algiers - - - -	—	—	280
Gibraltar - - - -	2	160	—
Africa - - - -	3	10	65
Italy - - - -	10,470	15,255	25,484
Spain and Portugal - - -	8,627	9,694	13,385
Turkey and Egypt - - -	618	170	430
United States - - - -	85,187	77,272	34,482
British America - - - -	10,777	15,165	17,093
South America - - - -	2,247	1,749	2,320
West Indies - - - -	138	243	474
East Indies - - - -	3,189	1,739	3,795
China - - - -	30	—	140
Australia - - - -	3,560	3,298	1,501
Total - - - -	254,245	255,388	266,871

IRON MANUFACTURE.

1861.

LISTS of the MILLS and FORGES in the UNITED KINGDOM.

No	Name of Works.	Name of Firm.	Nearest Port or Railway Station.	No. of Puddling Furnaces.	No. of Rolling Mills.
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NORTHUMBERLAND.

1	Bedlington	-	Bedlington Iron Co.	-	Bedlington	-
2	Lemington	-	Tyne Iron Co.	-	Newcastle	-
3	Walker	-	Losh, Wilson, and Bell	-	Do.	-

DURHAM.

1	Albert Hill	-	Darlington Iron Co.	-	Darlington	43	19
2	Birtley	-	Birtley Iron Co.	-	Chester-le-Street	6	1
3	Bishopwearmouth and Consett.	-	Derwent and Consett Iron Co.	-	Bishopwearmouth	123	14
4	Bradley and Crook Hall	-	Do.	-	Do.	-	-
5	Britannia	-	George Hopper	-	Ferry Hill	6	2
6	Gateshead	-	Hawks, Crawshaw, and Sons.	-	Gateshead	33	3
7	Hive	-	Elliott and Fawcett	-	East Jarrow	13	2
8	Monkwearmouth	-	Samuel Tyzack and Co.	-	Monkwearmouth	1	1
9	Tudhoe	-	Weardale Iron Co.	-	Darlington	64	6
10	Total of County	-	-	-	-	239	48

YORKSHIRE.

LEEDS and BRADFORD DISTRICT.

1	Albert	-	W. T. Bolland and Son	-	Leeds	11	3
2	Bowling	-	Bowling Iron Co.	-	Bradford	29	5
3	Clarence	-	Taylor, Brothers, and Co.	-	Leeds	40	2
4	Farnley	-	Farnley Iron Co.	-	Do.	23	3
5	Kirkstall	-	Messrs. Butler	-	Do.	45	17
6	Leeds	-	S. T. Cooper and Co.	-	Do.	37	4
7	Low Moor	-	Low Moor Iron Co.	-	Low Moor	44	5
8	Monk Bridge	-	Monk Bridge Iron Co.	-	Do.	26	5
9	Waterlane	-	James Perkin	-	Bradford	2	2
10		-	J. Whitham and Son	-	Leeds	-	-
	Total of district	-	-	-	-	256	46

Computed weekly make of malleable iron tons.

SHEFFIELD and ROTHERHAM DISTRICT.

1	Atlas	-	John Brown and Co.	-	Sheffield	72	8
2		-	Ch. Cammell and Co.	-	Do.	-	-
3	Elsecar and Milton	-	W. H. and G. Dawes	-	Elsecar	56	7
4	Midland	-	Midland Iron Comp.	-	Rotherham	26	4
5	Phoenix	-	Messrs. Cooke and Co.	-	Doncaster	8	3
6	Wortley	-	Andrews, Burrows, & Co.	-	Sheffield	-	-
7		-	Samuel Beale and Co.	-	Rotherham	-	-
	Total of district	-	-	-	-	162	22

Weekly make of malleable iron, tons.

Taking the full working years of 50 weeks, it will give the yearly make of the West Riding as tons.

CLEVELAND DISTRICT.

1	Cleveland	-	Bolchow and Vaughan	-	Middlesbro'	188	14
2	Middlesbro'	-	Do.	-	Do.	-	-
3	Witton Park	-	Do.	-	Do.	-	-
4	Tees	-	Gilkes, Wilson, Pease, and Co.	-	Do.	-	-
5	Tees Side	-	Hopkins and Co.	-	Do.	41	4
	Total for district	-	-	-	-	209	18

F 2

DERBYSHIRE.

No.	Name of Works.	Name of Firm.	Nearest Port or Railway Station.	No. of Puddling Furnaces.	No. of Rolling Mills.
1	Alderwasale	Molds and Co.	Ambergate.	-	-
2	Butterley	Butterley Iron Comp.	Alfreton	30	10
3	Killamarsh*	Websters and Company	Chesterfield	-	-
4	Railway†	James Eastwood and Sons	Derby	17	3
5	Whittington‡	Thomas Firth and Sons	Chesterfield	13	3
Total				60	16

* The furnaces are for steel melting.

† Railway tyres and axles.

‡ Steel forge.

SOUTH STAFFORDSHIRE.

No.	Name of Works.	Name of Firm.	Postal Address.	Puddling Furnaces.	Rolling Mills.	Standing.
1	Bank Field	Grocutt and Sons	Bilston	22	4	
2	Batman's Hill	William Rose	Ditto	10	-	
3	Bilston Brook	David Jones	Ditto	-	-	
4	Bilston Mill and Forge	W. and J. Sparrow & Co.	Ditto	26	3	
5	Bovereaux	Thomson, Hatton, and Co.	Ditto	6	-	
6	Bradley Field	Grocutt and Sons	Ditto	22	4	
7	Bradley Hall	Thomas and Thompson	Ditto	-	-	
8	Deepfield	Gibbs Brothers	Ditto	-	-	
9	Ebenezer	Joseph Welsh	Ditto	-	-	
10	Ettingshall	Banks and Sons	Ditto	-	-	
11	Herbert's Park	David Jones	Ditto	-	-	
12	Highfields	Riley and Sons	Ditto	-	-	S.
13	Millfield	Thomas Rose	Ditto	23	-	
14	Millfields	Browning and Jackson	Ditto	-	-	
15	Pot House Bridge	Hampton and Co.	Ditto	-	-	
16	Regent	A. Beard and Sons	Ditto	-	-	
17	Spring Vale	Jones and Murecott	Ditto	-	-	
18	Stonefield	G. H. and A. Hickman	Ditto	12	2	
19	Harts Hill	Hingley and Smith	Brierley Hill	30	-	
20	Old Level	Hall, Holcroft, and Co.	Ditto	13	4	
21	Round Oak	Earl of Dudley	Ditto	45	-	
22	Brierley Hill	New British Iron Co.	Birmingham	18	-	
23	Darlaston Green	Samuel Mills	Darlaston	22	4	
24	Brookmoor Tin Plate Works	Budd and Co.	Dudley	-	-	S.
25	Corbyn's Hall	H. Sparrow	Ditto	30	4	
26	Corngreaves	New British Iron Co.	Ditto	62	8	
27	Dixon's Green	William Haden	Ditto	11	1	
28	Netherton	N. Hingley and Sons	Ditto	15	-	
29	Oak Farm Co.	Oak Farm Co.	Ditto	-	-	S.
30	Broadwaters	Banks and Morgan	Kidderminster	5	-	
31	Cookley	John Knight and Co.	Ditto	15	7	
32	Wilden	Earl of Dudley	Ditto	9	4	
33	Albert	David, Rose, and Co.	Moxley	21	-	
34	Bull's Bridge	Daniel Rose	Ditto	10	-	
35	Moxley	Thomas Wells	Ditto	-	-	S.
36	Brade's	Hunt and Sons	Oldbury	8	-	
37	Britannia	Griffiths and Thorneycroft	Ditto	10	-	
38	Eagle	John Kimberley	Ditto	10	-	
39	Anchor	Hartland and Co.	Smethwick	-	-	
40		Wm. Marshall	Ditto	-	-	
41		J. W. Adlington	Ditto	-	-	
42	Crown	Edmund Page	Ditto	12	-	
43	District	Beaseley and Farmer	Ditto	-	-	S.
44	Grove	Sharp and Brown	Ditto	10	-	
45	Smethwick	John Spittle	Ditto	-	-	S.
46	Brettle Lane	Hall, Holcroft, & Pearson	Stourbridge	-	-	
47	Brookmoor	John Wheeley and Co.	Ditto	-	-	
48	Cradley	Evers and Sons	Ditto	17	-	
49	Hyde	Lee and Bolton	Ditto	25*	-	
50	Lays	Brown and Freer	Ditto	23	-	
51	New Lays	Ditto	Ditto	10	-	
52	Shut End	John Bradley and Co.	Ditto	16	-	
53	Stourbridge	Ditto	Ditto	20	-	
54	Swindon	J. Watkins	Ditto	24	-	
55	Whittington	Jas. Williams and Co.	Ditto	6†	2	
56	Bloomfield	William Barrows	Tipton	96‡	-	
57	Dudley Port	Badger and Co.	Ditto	14	-	
58	Do.	Plant and Fisher	Ditto	20	-	
59	Dudley Port Fields	F. Gilest and Co.	Ditto	-	-	S.
Carried forward				760	47	

* Five are charcoal hearths.

† Three are charcoal hearths.

‡ This includes "Factory" and Tipton Green returns.

South Staffordshire—*continued.*

No.	Name of Works.	Name of Firm.	Postal Address.	Padding Furnaces.	Rolling Mills.	Standing.
Brought forward						
60	Factory	William Barrows	Tipton	760	47	
61	Globe	Whitehead and Haines	Ditto	9	—	
62	Gold's Hill	Davis and Bloomer	Ditto	11	—	
63	Great Bridge	Solly Brothers	Ditto	18	—	
64	Do.	E. B. Thorneycroft & Co.	Ditto	12	—	
65	Groveland	G. H. Hickman	Ditto	8	—	
66	Hope		Ditto	—	—	
67	Lea Brook	Solly Brothers	Ditto	25	—	
68	Old Church	Walter Robinson and Co.	Ditto	27	—	
69	Park Lane	T. Morris, jun.	Ditto	4	—	
70	Sheep Wash	J. Haines and Co.	Ditto	—	—	
71	Summer Hill	W. Millington and Co.	Ditto	15	—	
72	Tipton	Creswell and Sons	Ditto	20	—	
73	Tipton Green	William Barrows	Ditto	†	—	
74	Toll End	Motteram and Deeley	Ditto	—	—	
75	Wednesbury Oak	Philip Williams and Sons	Ditto	32	—	
76	Birchills	Bissell, Keay, and Co.	Walsall	—	—	
77	Pelsall	Davis, Bloomer and Son	Ditto	25	4	
78	Pieck	Henry Lancaster	Ditto	7	—	
79	The Birchills	John Jones	Ditto	8	1	
80	Victoria	Marshall and Mills	Ditto	10	—	
81	Wedge's Mills	W. Gilpin, sen. and Co.	Ditto	6	—	
82	Kings Hill	J. F. Lloyd, and Co.	Wednesbury	6	—	
83	Monway	J. Marshall and Mills	Ditto	12	—	
84	Old Park	Lloyd, Foster, and Co.	Ditto	33	2	
85	Patent Shaft Works	Thos. Walker and Co.	Ditto	48	—	
86	Albion	Walter Williams	West Bromwich	—	—	S. S.
87	Atlas	Atlas Iron Company	Ditto	—	—	
88	Brick House	R. Williams and Son	Ditto	—	—	
89	Bromford	John Dawes and Sons	Ditto	50	7	
90	Church Lane	Thomas Johnson, jun.	Ditto	7	—	
91	Crook Hay	W. and G. Firmston	Ditto	8	—	
92	Eagle	Eagle Coal Company	Ditto	14	—	
93	Great Bridge	Lees and Holden	Ditto	10	—	
94	Hall End	T. Johns	Ditto	—	—	
95	Imperial	J. Bagnall and Sons	Ditto	26	—	
96	Lea Brook	Ditto	Ditto	28	—	
97	Providence	T. Silvester and Co.	Ditto	—	—	
98	Ridgacre	S. Whitehouse	Ditto	20	—	
99	Roway	E. Page and Sons	Ditto	23	—	
100	Spon Lane	Thos. Silverster & Sons	Ditto	12	1	
101	Ditto	Weston and Grice	Ditto	6	—	
102	Staffordshire	E. B. Thorneycroft & Co.	Ditto	17	—	
103	Toll End and Gold's Hill	J. Bagnall and Sons	Ditto	31	—	
104	Victoria	Hipkins and Sons	Ditto	12	—	
105	Waterloo	Thos. Johnson, jun.	Ditto	10	—	
106	Wellington	Lees and Halden	Ditto	—	—	
107	Capponfield	Chillington Iron Co.	Wolverhampton	73	12	
108	Lea Brook	Ditto	Ditto			
109	Chillington	Ditto	Ditto			
110	Cleveland	Wright and North	Ditto	8	—	
111	Horseley Fields	Osier Bed Company	Ditto	25	6	
112	Minerva	Isaac Jenks	Ditto	13	—	
113	Monmore	Wright and North	Ditto	11	—	
114	Monmore Lane	Deakin and Dodd	Willenhall	11	—	
115	Shrubbery	G. B. Thorneycroft & Co.	Wolverhampton	44	5	
116	Swan Gardens	Ditto	Ditto	33	7	
Total of District				1,538	92	

† Included in Bloomfield Works.

NORTH STAFFORDSHIRE.

1	Biddulph Works	Robert Heath	Tunstall	29	3	
2	Shelton	Shelton Bar Iron Co.	Stoke	60	6	
3	Silverdale	F. Stalner and Sons	Newcastle	50	5	
Total of District				139	14	

SHROPSHIRE.

1	Dawley Castle	Coal Brookdale Iron Co.	Wellington	37	1	
2	Horseshay	Ditto	Do.			
3	Lawley	Ditto	Do.			
4	Lightmoor	Ditto	Do.	27	5	
5	Darklane	Beriah Botfield	Do.			
6	Hinkshay	Ditto	Do.			
7	Langley Field	Ditto	Do.	22	2	
8	Ketley	Ketley Iron Co.	Do.			
9	Old Park	Old Park Iron Co.	Shifnal			
10	Snedshill	Snedshill Bar Co.		32	5	
Total of County				124	16	

SOUTH WALES.

GLAMORGANSHIRE.

No.	Name of Works.	Name of Firm.	Nearest Port or Railway.	No. of Puddling Furnaces.	No. of Rolling Mills.
1	Aberdare and Abernant	Fothergill and Huntley	Cardiff	80	4
2	Aberaman	Crawshay Bailey	Do.	18	1
3	Briton Ferry	Briton Ferry Iron Co.	Briton Ferry	27	3
4	Clydach	Clydach Iron Co.	Abergavenny	20	3
5	Cwm Avon and Oakwood	Governor and Company of Copper Miners.	Port Talbot	32	6
6	Cyfarthfa and Ynisfach	W. Crawshay and Sons	Merthyr Tydfil	78	12*
7	Dowlais	Dowlais Iron Co.	Do.	150	12
8	Gadlys	Wayne and Company	Do.	6	2
9	Llynvi Vale	Llynvi Vale Iron Co.	Bridgend	30	4
10	Pentyrch and Milm Griffith	T. W. Booker and Co.	Cardiff	8	15
11	Penydarren†	Penydarren Iron Co.	Do.	32	2
12	Plymouth	Anthony Hill	Merthyr Tydfil	60	6
13	Taff Vale	R. Fothergill	Cardiff	30	4
14	Tondu	John Brogden and Sons	Tonden	19	3
15	Treforest	Francis Crawshay	Cardiff	10	4
16	Ystalyfera	Ystalyfera Iron Co.	Swansea	26	16
Total of District				626	97

* Of these 7 are Mills and 5 are Forges.

† These works are now closed.

BRECKNOCKSHIRE.

1	College Loch	Lumley & Williams	Cardiff		
2	Llanelli	Clydach Iron Co.	Newport		
3	Nantyglo	J. & C. Bailey	Do.		
Total of District					

MONMOUTHSHIRE.

1	Abersychan and Pentwyn	Ebbw Vale Iron Co.	Newport	38	3
2	Beaufort	J. C. Bailey	Do.	—	—
3	Blaenavon & Garn Derris	Blaenavon Iron Company	Do.	35	6
4	Blaina Cwm Celyn and Coalbrook Vale.	Frederick Levick and Robert Simpson.	Do.	52	4
5	Ebbw Vale	Ebbw Vale Iron Co.	Do.	62*	—
6	Golynos	Crawshay, Bailey and Co.	Do.	—	—
7	Pontnewynydd	Crawshay, Bailey and Co.	Do.	—	—
8	Varteg	Crawshay, Bailey and Co.	Do.	27	8
9	Pontypool	Pontypool Iron Company	Do.	62	6
10	Rhymney	Rhymney Iron Co.	Do.	—	—
11	Tredegear	Tredegear Iron Co.	Do.	—	—
12	Victoria	Ebbw Vale Iron Co.	Do.	33	—
13		James Hill	Do.	—	—
Total of District				309	27

* 46 of these Puddling Furnaces were idle during the month of June.

NORTH WALES.

Ruabon	New British Iron Co.	Ruabon	36	3
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SCOTLAND.

1	Blockhairn	Blockhairn Iron Co.	Glasgow	36	3
2		Matthew Strong	Do.	14	2
3	Coates	Thomas Jackson and Co.	Glasgow	8	2
4	Drumeller	Henderson and Dimmock	Coatbridge	12	2
5	Dundyvan	John Wilson's Trustees	Dundyvan	40	4
6	Glasgow	Glasgow Iron Company	Glasgow	70	7
7	Govan	William Dixon	Do.	36	5
8	Monkland	Monkland Iron Co.	Do.	70	7
9	Mossend	Mossend Iron Company	Holytown	30	3
10	Phoenix	Spencer and Leonard	Coatbridge	5	1
11	Rochsolloch	Rochsolloch Iron Co.	Glasgow	8*	3†
12	Gartsherrie and others	Wm. Baird and Co.	Do.	10	1
Total of Scotland				339	40

* 2 of these are Heating Furnaces.

† 1 Forge and 2 Finishing Mills.

SUMMARY OF MILLS AND FORGES, 1861.

County.	No. of Puddling Furnaces.	No. of Rolling Mills.
ENGLAND :		
Northumberland - - - -	-	-
Durham - - - -	289	48
Yorkshire (Leeds and Bradford District) -	256	46
" (Sheffield and Rotherham District) -	162	22
" (Cleveland District) - - -	209	18
Derbyshire - - - -	60	16
South Staffordshire - - - -	1,588	92
North do. - - - -	139	14
Shropshire - - - -	134	16
SOUTH WALES :		
Glamorganshire - - - -	626	97
Monmouthshire - - - -	309	27
Brecknockshire - - - -	-	-
NORTH WALES - - - -		
	36	3
SCOTLAND - - - -		
	339	40
TOTAL IN UNITED KINGDOM - - -	4,147	439

ACCOUNT of the FOREIGN and COLONIAL METALS IMPORTED into the UNITED KINGDOM in the Year ending 1861, and the two previous Years.

Metals.	1859.	1860.	1861.
Copper Ore - - - Tons.	71,277	76,285	74,163
Regulus - - - "	13,178	21,032	20,317
Unwrought and part wrought Cwts.	218,060	235,060	315,760
Iron in Bars unwrought - - Tons.	42,713	54,061	35,489
Steel unwrought - - - "	3,226	3,788	3,806
Lead, Pig and Sheet - - - "	23,620	22,171	23,109
Spelter or Zinc - - - "	30,214	23,481	24,851
Tin in blocks, ingots, bars, or slabs - Cwts.	54,006	58,220	73,062
Quicksilver - - - lbs.	3,160,368	296,588	1,915,909

ACCOUNT of FOREIGN and COLONIAL METALS EXPORTED from the UNITED KINGDOM in the Year ending 1861, and the two previous Years.

Metals.	1859.	1860.	1861.
Copper unwrought and part wrought Cwts.	47,936	73,516	78,459
Tin in blocks, ingots, bars, or slabs - "	7,908	10,163	19,173
Quicksilver - - - lbs.	2,335,936	2,364,566	1,317,039

METAL EXPORTS AND IMPORTS—(compiled from Board of Trade Returns).
ACCOUNT OF METALS EXPORTED from the UNITED KINGDOM, being the Produce of the same for the Year ending 1861 and the two previous Years.

METALS.	QUANTITIES.			DECLARED VALUE.		
	1859.	1860.	1861.	1859.	1860.	1861.
Iron, Pig - - - Tons	316,376	342,566	387,546	£ 901,929	£ 974,065	£ 1,047,318
" Bar, bolt, and rod - - - "	300,786	311,459	258,547	2,373,910	2,385,871	1,885,605
" Railway, of all kinds - - - "	538,927	453,445	377,477	4,124,208	3,408,759	2,903,957
" Wire - - - - - "	12,391	13,957	11,650	228,019	250,087	207,317
" Cast - - - - - "	81,302	74,971	74,969	795,819	832,638	701,214
" Wrought, of all sorts - - - "	200,665	213,474	190,533	3,084,720	3,317,349	2,868,923
Steel, unwrought - - - - - "	24,724	32,173	21,796	805,832	986,328	727,840
Copper, unwrought, in bricks, pigs, &c. - - Cwts.	126,984	139,611	87,936	691,627	749,879	436,087
" in sheets and nails, including mixed or yellow metal for sheathing - - - }	286,910	344,612	297,304	1,504,442	1,804,151	1,426,031
" wrought or other sorts - - - - - "	40,561	38,113	47,197	256,206	233,686	276,677
Brass of all sorts - - - - - "	25,654	36,662	31,089	149,030	211,692	173,772
Lead Pig-Rolled, Sheet and Shot - - - Tons	20,571	23,797	19,267	480,845	543,299	424,102
Lead ore, red and white lead, &c. - - - "	6,756	5,935	5,841	187,237	157,987	147,311
Tin, unwrought - - - - - Cwts.	56,079	54,811	56,551	353,109	361,592	343,300
Tin plates - - - - - Value £	—	—	—	1,522,618	1,500,812	907,590

IRON EXPORTS, 1861.

Showing the Quantities sent from each Port.

Ports.	Pig Iron.	Bundle and Bar Iron.	Rails.
ENGLAND.	Tons.	Tons.	Tons.
Goole - - -	—	792	—
Hartlepool - - -	13,721	4,643	1,467
Hull - - -	383	24,931	115
Liverpool - - -	19,608	102,090	23,129
Maryport - - -	170	—	—
Middlesbro' - - -	79,601	2,022	2,116
Newcastle - - -	13,544	6,162	2,504
Shields - - -	20	—	—
Stockton - - -	340	—	—
Sunderland - - -	1,626	774	3,029
Whitehaven - - -	939	3	—
WALES.			
Cardiff - - -	130	43,705	82,019
Llanelly - - -	—	2,301	—
Newport - - -	1,658	2,635	80,726
Swansea - - -	—	738	—
SCOTLAND.			
Alloa - - -	12,861	—	—
Ardrossan - - -	21,102	40	—
Ayr - - -	1,914	—	—
Bowling Bay - - -	1,273	13	—
Borrowstoness - - -	12,127	8	—
Charlestown - - -	50	24	—
Glasgow - - -	76,442	17,240	—
Greenock - - -	2,671	675	—
Grangemouth - - -	99,214	526	—
Inverkeithing - - -	—	5	—
Port Glasgow - - -	575	42	—
Troon - - -	1,600	—	—

1861.

COAL.**SUMMARY OF COAL PRODUCE OF THE UNITED KINGDOM
FOR 1861.**

	Tons.
DURHAM AND NORTHUMBERLAND - - -	19,144,965
CUMBERLAND - - - - -	1,255,644
YORKSHIRE - - - - -	9,374,600
DERBYSHIRE AND NOTTINGHAMSHIRE - - -	5,116,319
LEICESTERSHIRE - - - - -	740,000
WARWICKSHIRE - - - - -	647,000
STAFFORDSHIRE AND WORCESTERSHIRE - - -	7,253,750
LANCASHIRE - - - - -	12,195,500
CHESHIRE - - - - -	801,570
SHROPSHIRE - - - - -	829,750
GLoucestershire, Somersetshire, and Devon- shire - - - - -	6,511,025
NORTH WALES - - - - -	1,870,250
SOUTH WALES - - - - -	6,690,771
SCOTLAND - - - - -	11,081,000
IRELAND - - - - -	123,070
PRODUCE OF THE UNITED KINGDOM -	83,635,214
BURNT OR WASTED AT PITS -	2,404,000
TOTAL OF COALS RAISED IN 1861 -	86,039,214

**NUMBER OF COLLIERIES in each INSPECTOR'S DISTRICT.
ENGLAND AND WALES.**

Name of Inspector.	District.	Number.
1. MATTHIAS DUNN, Newcastle-on-Tyne,	DURHAM and NORTHUMBERLAND -	128
	CUMBERLAND - - - - -	28
2. JOHN J. ATKINSON, Bowburn, Durham.	DURHAM, South Division - -	156
	- - - - -	143
3. CHARLES MORTON, St. John's, Wakefield.	YORKSHIRE - - - - -	397
4. JOHN HEDLEY, Derby.	DERBYSHIRE - - - - -	158
	NOTTINGHAMSHIRE - - - - -	22
	LEICESTERSHIRE - - - - -	11
	WARWICKSHIRE - - - - -	16
	- - - - -	207
5. THOMAS WYNNE, Stone.	STAFFORDSHIRE, North - -	128
	CHESHIRE - - - - -	39
	SHROPSHIRE - - - - -	66
6. JAMES P. BAKER, Wolverhampton.	- - - - -	233
	STAFFORDSHIRE, South - -	452
7. JOSEPH DICKINSON, Pendleton, Manchester.	LANCASHIRE, North and East, or the Manchester District - -	269
8. PETER HIGSON, Manchester.	LANCASHIRE, St. Helen's - -	26
	Wigan - - - - -	78
	- - - - -	104
	FLINTSHIRE - - - - -	38
	DENBIGHSHIRE - - - - -	35
	ANGLESEA - - - - -	5
	- - - - -	78
	Carried forward -	2,039

Name of Inspector.	District.	Number.
9. LIONEL BROUGH, Clifton, Bristol.	Brought forward - - -	2,039
	GLOUCESTERSHIRE - - -	71
	SOMERSETSHIRE - - -	40
	DEVONSHIRE - - -	2
	MONMOUTHSHIRE - - -	83
	EAST OF MONMOUTHSHIRE - - -	7
10. THOMAS EVANS, Richmond Villas, Swansea		203
	PEMBROKESHIRE - - -	21
	CERMARTHENSHIRE - - -	88
	GLAMORGANSHIRE - - -	204
		313
	Total - - -	2,555

SCOTLAND.

Name of Inspector.	District.	Number.
11. WILLIAM ALEXANDER, Glasgow.	LANARKSHIRE, West Division - - -	62
	AYRSHIRE - - -	90
	STIRLINGSHIRE, West Division - - -	19
	DUMBAERTONSHIRE - - -	14
	RENFREWSHIRE - - -	8
	ARGYLESHIRE - - -	1
	DUMFRIESSHIRE - - -	4
12. RALPH MOORE, 156 West George Street, Edinburgh.		198
	LANARKSHIRE, East Division - - -	107
	FIFESHIRE - - -	44
	CLACKMANANSHIRE - - -	9
	HADDINGTONSHIRE - - -	12
	EDINBURGHSHIRE - - -	15
	LINLITHGOWSHIRE - - -	17
	STIRLINGSHIRE, East Division - - -	20
	PEEBLESHIRE - - -	1
	PERTHSHIRE - - -	1
		226
	Total - - -	424

IRELAND.

	ULSTER COAL FIELD - - -	6
	CONNAUGHT - - -	7
	LEINSTER COAL FIELD - - -	31
	MUNSTER COAL FIELD - - -	29
	Total - - -	73

TOTAL NUMBER OF COLLIERIES IN UNITED KINGDOM.

	Number.
ENGLAND AND WALES - - -	2,555
SCOTLAND - - -	424
IRELAND - - -	73
Total - - -	3,052

PRICES of COAL at the LONDON COAL MARKET during the Year 1861.

Date.	NEWCASTLE.			SUNDERLAND.	WELSH.
	Walls End.	Tanfield.	Hartley.	Eden Main.	Duffryn.
	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
January 4 -	24 0	—	17 6	—	24 0
" 11 -	25 6	—	17 6	24 6	24 6
" 18 -	25 9	20 3	17 6	24 0	24 6
" 25 -	20 9	17 6	17 0	20 0	24 6
February 1 -	20 3	16 6	16 6	19 0	24 6
" 8 -	20 3	16 3	16 6	19 6	24 3
" 15 -	20 3	16 3	16 6	20 3	24 0
" 22 -	20 6	16 3	17 0	—	24 0
March 1 -	20 0	16 0	16 6	19 0	24 0
" 8 -	19 0	15 0	15 6	18 6	24 0
" 15 -	18 6	14 0	15 6	17 9	24 0
" 22 -	17 6	12 6	15 3	17 3	24 0
" 29 -	17 0	13 0	15 3	—	24 0
April 5 -	17 0	13 3	17 0	17 0	24 0
" 12 -	17 0	13 3	17 0	17 0	24 0
" 19 -	17 3	13 3	16 3	17 0	24 0
" 26 -	17 6	13 0	16 3	—	24 0
May 3 -	17 9	13 0	16 0	—	24 0
" 10 -	17 3	13 6	16 3	16 3	24 0
" 17 -	17 0	13 3	16 6	—	24 0
" 24 -	16 9	13 3	15 9	16 0	24 0
" 31 -	16 6	13 0	15 9	16 0	24 0
June 7 -	17 6	13 0	15 9	16 6	24 0
" 14 -	18 0	13 0	15 9	—	24 0
" 21 -	17 6	12 9	15 3	16 9	24 0
" 28 -	17 6	12 9	15 3	16 3	24 0
July 5 -	17 3	12 6	15 0	16 3	24 0
" 12 -	17 6	12 9	15 3	17 0	24 0
" 19 -	18 0	13 0	15 6	17 3	24 0
" 26 -	18 3	13 3	15 9	18 0	24 0
August 2 -	18 3	13 3	16 0	18 3	24 0
" 9 -	18 0	13 3	16 6	17 3	24 0
" 16 -	17 9	12 9	16 3	17 0	24 0
" 23 -	17 6	12 9	16 3	17 0	24 0
" 30 -	17 0	12 9	16 0	17 0	24 0
Sept. 6 -	17 0	12 9	16 0	—	24 0
" 13 -	17 0	12 9	16 0	16 6	24 0
" 20 -	17 3	12 9	15 0	—	24 0
" 27 -	17 9	12 9	15 9	—	24 0
October 4 -	18 0	13 3	16 6	17 6	24 0
" 11 -	18 0	13 3	18 0	17 0	24 0
" 18 -	17 6	13 6	18 0	17 6	24 0
" 25 -	18 0	13 6	16 0	17 9	—
Nov. 1 -	18 6	13 6	17 0	—	24 0
" 8 -	18 6	13 0	16 9	—	24 0
" 15 -	18 6	13 0	16 6	18 0	24 0
" 22 -	18 9	—	16 6	—	24 0
" 29 -	18 9	13 3	16 0	18 0	24 0
Dec. 6 -	18 0	14 3	15 6	—	24 0
" 13 -	17 0	14 0	15 6	—	24 0
" 20 -	16 9	13 9	15 3	—	24 0
" 27 -	16 9	13 6	16 0	—	24 0
Highest average of Weekly Sales	25 9	20 3	18 0	24 6	24 6
Lowest average of Weekly Sales	16 6	12 6	15 0	16 0	24 0
Mean average for the Year -	18 4	13 8	16 2	17 9	24 0½

DURHAM AND NORTHUMBERLAND.

The NUMBER of COLLIERIES.

Mr. M. DUNN's Inspection District.

	Number.
Tyne, Blyth, and Coquet District - - - - -	70
Lansdale Collieries - - - - -	58
Total -	128

Mr. JOHN J. ATKINSON's Inspection District.

Tyne District - - - - -	23
Wear and Seaham - - - - -	34
Tees, Hartlepool, and Stockton - - - - -	75
Lansdale Collieries - - - - -	11
Total -	143

GROSS PRODUCE sold from and used at the COLLIERIES of NORTHUMBERLAND and DURHAM, 1861.

	Tons.
Coals exported to Foreign Countries - - - - -	4,033,886
Coke exported to ditto 252,992 tons, equivalent to	
Coals - - - - -	505,984
Coals sent Coastwise - - - - -	6,411,191
Coke ditto ditto 31,540 tons equivalent to Coals -	63,080
Coals sent by North Eastern Railway—	
For Land sale and Local consumption - - - - -	1,774,416
Shipped at Hull - - - - -	1,414
Used by the Railway - - - - -	40,277
	1,816,107
Coals, Through Traffic of N.E. Railway - - - - -	171,921
Coke sent by North-eastern Railway—	
For Land sale and Local consumption - - - - -	198,062
Shipped at Hull - - - - -	328
Used by Railway - - - - -	180,337
	378,727
Equivalent to Coals - - - - -	
Coke, Through Traffic of N.E. Railway, 283,672 equivalent to Coals - - - - -	567,344
Coals distributed by Newcastle and Carlisle Railway for Land sale and Local consumption - - - - -	120,000
Coals ditto ditto for shipment in Cumberland - - - - -	74,361
Coke ditto ditto ditto ditto - - - - -	
682 tons, equivalent to Coals - - - - -	1,364
Coals and Coke used in Iron Works (estimated) - - - - -	1,750,500
Colliery Consumption (estimated) - - - - -	2,000,000
Local Consumption for General Purposes and Manufactures -	1,250,500
Total sold or used for Durham and Northumberland. -	19,144,965
Burnt or Wasted at Pits - - - - -	2,404,000
Total Coals raised in Durham and Northumberland -	21,548,965

DETAILED STATEMENT OF RAILWAY DISTRIBUTION, 1861.

NORTH-EASTERN RAILWAY.

Return of Coal and Coke.

	Weight.	Total Weight.
	Tons. cwts.	Tons. cwts.
The quantity of Coal carried over the North-Eastern Railway in 1861 for Local Consumption and Land Sale from the Durham and Northumberland Coal Fields, and which was distributed over the Districts Berwick and Kelso in the North, and Leeds, Knottingley, and Altofts in the South - - -	1,774,416 7	
Shipped at Hull - - - - -	1,414 2	
North-Eastern Company's use - - - - -	40,277 4	1,816,107 13
The quantity of Coal passed over the North-Eastern Railway to Districts South of Altofts, Knottingley, and Leeds, and also of Coal to places North of Kelso and Berwick, being the entire through traffic in Coals - - - - -	171,921 6	171,921 6
The quantity of Coke carried over the North-Eastern Railway for Local consumption and Land Sale between Kelso and Berwick in the North, and Leeds, Knottingley, and Altofts in the South - - -	198,062 16	
Shipped at Hull - - - - -	328 15	
North-Eastern Company's use - - - - -	180,337 0	378,728 11
The quantity of Coke carried over the North-Eastern Railway to districts South of Altofts, Knottingley, and Leeds, and also to places North of Kelso and Berwick, being the entire through traffic in Coke - - -	283,672 14	283,672 14
Total - - - - -	- - -	2,650,430 4

NEWCASTLE AND CARLISLE RAILWAY.

	Tons.
Coals shipped at Maryport - - - - -	25,764
Coals ditto at Port Carlisle and Silloth - - -	48,597
Coals distributed for Local Consumption - - -	120,000
Coke shipped at Maryport - - - - - 682 tons	—
Coke ditto Port Carlisle and Silloth - - - do.	—
Estimated as coals - - - - -	1,364
Total - - - - -	195,725

GREAT NORTHERN RAILWAY received from the NORTH-EASTERN System :—

	Tons.
Coals for London district to Hatfield inclusive - - -	89,930
Do. Welwyn and Peterborough do. - - -	38,118
Do. Tallington and Arksey do. - - -	1,671
Do. Peakirk and Lea do. - - -	2,052
Do. East Lincolnshire Line do. - - -	2,147
Total brought from the Northern Coalfield - - -	133,918

MIDLAND RAILWAY, took from the Durham and Northumberland Coalfields 169,196 tons.

COALS, COKE, AND ANTHRACITE
sent Coastwise to other Ports of the UNITED KINGDOM.

DURHAM AND NORTHUMBERLAND.

Ports from which shipped.	Coals.	Coke.	Anthracite.	Total.
	Tons.	Tons.	Tons.	Tons.
Carlisle - - -	42,629	—	—	42,629
Berwick - - -	174	—	—	174
Hartlepool - - -	1,402,458	6,508	—	1,408,966
Middlesboro' - - -	198,958	3,486	—	202,444
Newcastle - - -	2,255,017	20,972	—	2,275,989
Shields - - -	170,147	—	—	170,147
Sunderland - - -	2,338,760	514	—	2,339,274
Stockton - - -	3,048	60	—	3,108
Total - - -	6,411,191	31,540	—	6,442,731

Sent to FOREIGN COUNTRIES.

Ports from which shipped.	Coals.	Coke.	Anthracite.	Total.
	Tons.	Tons.	Tons.	Tons.
Carlisle - - -	2,674	—	—	2,674
Berwick - - -	169	—	—	169
Hartlepool - - -	590,095	34,186	—	624,281
Middlesboro' - - -	107,835	34,557	—	142,392
Newcastle - - -	1,952,618	143,052	—	2,095,670
Shields - - -	267,252	2,084	—	269,336
Sunderland - - -	1,082,018	38,831	—	1,120,849
Stockton - - -	1,225	282	—	1,507
Total - - -	4,033,886	252,992	—	4,256,878

SUMMARY.

			Tons.
Coal, Coke, &c. sent Coastwise	-	-	- 6,442,731
" " to Foreign Countries	-	-	- 4,256,878
Total Quantity	-	-	- 10,699,609

MONTHLY RETURN of Coals and Coke sent to LONDON and other Ports of the UNITED KINGDOM, from the DURHAM and
 NORTHUMBERLAND Coal-fields, from the under-mentioned Ports, in the Year 1861.
 (Compiled from "Browne's Export List.")

Months.	NEWCASTLE.		SHIELDS.		BLYTH.		AMBLE.		SUNDERLAND.		SEAHAM.		HARTLEPOOL.		STOCKTON.		MIDDLESBRO'.	
	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.
January	Tons. 204,743	Tons. 630	Tons. 1,293	Tons. —	Tons. 7,782	Tons. —	Tons. 40	Tons. —	Tons. 170,558	Tons. —	Tons. 17,105	Tons. —	Tons. 123,614	Tons. 745	Tons. 90	Tons. —	Tons. 15,071	Tons. 245
February	195,836	1,780	1,578	—	7,777	—	602	—	155,630	—	39,880	—	118,847	455	80	—	18,697	966
March	165,265	801	943	—	9,187	—	—	—	136,795	271	58,062	—	107,721	587	—	—	15,241	240
April	143,436	1,294	82	—	8,604	—	402	—	130,137	—	54,639	—	92,043	314	50	—	10,804	356
May	194,360	1,615	2,030	—	13,384	—	782	—	139,970	84	62,304	—	118,777	240	95	—	16,615	520
June	176,818	2,224	2,893	—	12,345	—	1,108	—	131,236	159	57,604	—	104,465	735	20	—	19,770	70
July	198,359	2,716	2,367	—	14,575	—	1,375	—	155,861	—	—	—	116,396	363	145	—	21,011	320
August	190,060	1,707	3,240	—	13,364	—	592	—	171,279	—	63,451	—	127,706	584	—	—	18,525	129
September	173,073	1,505	1,108	—	12,292	—	1,062	—	168,730	—	—	—	117,460	165	577	—	17,541	389
October	194,287	3,202	3,275	—	14,448	—	1,404	—	182,550	—	56,333	—	130,049	698	730	—	16,538	155
November	204,580	1,585	2,195	—	10,636	—	—	—	163,461	25	—	—	128,682	1,368	690	—	16,593	80
December	304,200	1,913	2,642	—	8,671	—	424	—	175,362	—	48,988	—	116,698	254	119	—	12,582	12

MONTHLY RETURN of Coals and Coke exported to FOREIGN COUNTRIES from the under-mentioned Ports of the Counties of DURHAM and NORTHUMBRLAND and from MIDDLESBORO' in the Year 1861.

(Compiled from "Browne's Export List.")

Months.	NEWCASTLE.		SHIELDS.		BLYTH.		AMBLE.		SUNDERLAND.		SEAHAM.		HARTLEPOOL.		STOCKTON.		MIDDLESBORO'.	
	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.
January	-	-	Tons. 79,853	Tons. 10,904	Tons. 6,294	Tons. 329	Tons. 9,948	Tons. —	Tons. 5,931	Tons. —	Tons. 36,066	Tons. 1,973	Tons. 26,682	Tons. 979	Tons. 250	Tons. —	Tons. 1,557	Tons. 202
February	-	-	91,111	13,835	4,251	—	8,925	—	4,718	—	57,385	5,012	24,939	1,750	100	—	2,810	362
March	-	-	133,930	12,366	6,128	112	16,226	—	—	—	77,395	3,038	41,918	2,262	—	—	9,742	1,913
April	-	-	226,829	14,704	7,416	275	11,038	—	5,412	—	118,737	3,499	56,656	5,650	395	—	18,211	3,913
May	-	-	199,038	9,457	3,649	53	12,699	—	6,321	—	109,373	1,774	68,790	3,205	140	35	13,590	3,630
June	-	-	133,584	7,574	3,368	—	13,359	—	6,143	—	108,654	4,543	63,874	2,605	81	12	14,321	4,185
July	-	-	232,167	14,358	5,445	549	7,216	—	7,259	—	109,688	3,423	68,628	3,042	—	—	16,922	3,033
August	-	-	197,612	8,071	4,428	188	12,546	—	5,850	—	102,236	2,273	58,204	2,935	192	11	9,662	3,395
September	-	-	155,300	11,566	3,753	176	13,637	—	4,184	—	86,984	4,196	56,193	1,970	106	—	9,959	3,279
October	-	-	215,232	13,018	4,869	351	13,190	—	4,926	—	104,751	3,991	67,225	6,395	66	—	10,879	5,603
November	-	-	110,546	10,516	1,544	—	9,519	—	—	—	65,129	2,128	34,371	216	117	—	2,483	4,052
December	-	-	91,836	11,404	5,444	100	9,141	—	5,193	—	47,097	3,469	28,194	511	24	—	1,420	3,565

CUMBERLAND.

The Number of Collieries—Mr. M. DUNN's Inspection District—28.

The Quantity of COAL produced and shipped in CUMBERLAND for 1861.

Shipped from Maryport	-	-	-	-	Tons. 354,083
„ Workington	-	-	-	-	125,306
„ Whitehaven	-	-	-	-	185,005
Total	-	-	-	-	664,394
Coals for land sale sent by Railway,—					
„ used at Iron Furnaces	-	-	-	-	} 365,500
„ „ Collieries and Iron Mines	-	-	-	-	
„ for local consumption at Manufactories and in Principal Towns					225,750
Total produce for Cumberland in 1861	-	-	-	-	1,255,644
Total produce for do. in 1860	-	-	-	-	1,171,052
Increase in produce in 1861	-	-	-	-	84,592

Coals sent Coastwise to other Ports of the UNITED KINGDOM,
(as per Parliamentary Return).

Ports from which Shipped.	Coals.	Coke.	Anthracite.	Total.
	Tons.	Tons.	Tons.	Tons.
Whitehaven - - -	182,149	12	1,205	183,366
Maryport - - -	380,304	—	—	380,304
Workington - - -	128,954	5	—	128,959
Total - - -	691,407	17	1,205	692,629

Sent to FOREIGN COUNTRIES.

Whitehaven - - -	2,598	—	—	2,598
Maryport - - -	7,825	—	—	7,825
Workington - - -	2,124	—	—	2,124
	12,547	—	—	12,547

SUMMARY.

Coals, Coke, &c. sent Coastwise	-	-	Tons. 692,629
„ „ „ to Foreign Countries	-	-	12,547
Total Quantity	-	-	705,176

YORKSHIRE.

The Number of Collieries, Mr. CHARLES MORTON'S Inspection District.

No. of Collieries.

							Tons.
42	BARNSLEY	-	-	-	-	-	2,225,500
46	BRADFORD	-	-	-	-	-	1,550,000
32	HALIFAX	-	-	-	-	-	395,550
42	HUDDERSFIELD	-	-	-	-	-	325,500
102	LEEDS	-	-	-	-	-	2,225,500
4	NORMANTON	-	-	-	-	-	
21	ROTHERHAM	-	-	-	-	-	450,000
24	SHEFFIELD	-	-	-	-	-	851,000
39	WAKEFIELD	-	-	-	-	-	875,000
4	BINGLEY	-	-	-	-	-	476,550
22	DEWSBURY	-	-	-	-	-	
6	HOLMFIRTH	-	-	-	-	-	
1	KEIGHLEY	-	-	-	-	-	
6	PENISTON	-	-	-	-	-	
3	PONTEFRACT	-	-	-	-	-	
3	SADDLEWORTH and SETTLE	-	-	-	-	-	

Total 397

Total produce of Yorkshire - - 9,374,600

RAILWAY DISTRIBUTION.**NORTH-EASTERN RAILWAY.**

					Tons.	cwts.
The Quantity of Coals carried over the NORTH-EASTERN RAILWAY from Yorkshire and Lancashire Collieries for consumption at places on the North-Eastern Railway -						
					344,739	15
For shipment at Hull	-	-	-	-	58,648	6
Do. Selby	-	-	-	-	437	10
Total	-	-	-	-	403,825	11

The GREAT NORTHERN RAILWAY carried from this Coal Field, the following quantities :—

					Tons.
To London and Hatfield	-	-	-	-	321,543
„ Welwyn and Peterboro'	-	-	-	-	122,514
„ Tallington and Arksey	-	-	-	-	149,149
„ Peakirk and Lea	-	-	-	-	56,097
„ East Lincolnshire Line	-	-	-	-	28,543
Carrying out of the Yorkshire Coal Field	-	-	-	-	677,846

SOUTH YORKSHIRE RAILWAY, and RIVER DUN COMPANY carried,—

					Tons.
By Railway	-	-	-	-	928,000
„ Canals	-	-	-	-	565,000
Total	-	-	-	-	1,493,000

The MIDLAND RAILWAY carried from the West Riding Coal Field—
495,211 Tons.

The MANCHESTER, SHEFFIELD, AND LINCOLNSHIRE RAILWAY received from the South Yorkshire Collieries, &c., the following :—

Stations.	Coals Forwarded.	Coals Received.	Stations.	Coals Forwarded.	Coals Received.
	Tons. cwt.	Tons. cwt.		Tons. cwt.	Tons. cwt.
Dunford - - -	12,794 7	92 1	Brought forward -	506,240 9	125,462 5½
Hazlehead - - -	—	277 18	Northorpe - - -	—	1,374 17
Penistone - - -	—	764 10	Kirton Linsey - - -	—	5,875 19½
Silkstone - - -	56,805 13	—	Scawby - - -	—	1,443 3
Dodworth - - -	10,458 19	—	Brigg - - -	—	1,622 9½
Barnsley - - -	50,539 18	126 18	Barnetby - - -	—	3,429 1
Thurgoland - - -	24,723 1	—	Howsham - - -	—	752 14½
Oxspring - - -	66 2	56 4	North Kelsey - - -	—	1,464 1½
Deepcar - - -	—	639 4	Moortown - - -	—	2,984 1
Oughly Bridge - - -	39 0	4,784 0½	Holton - - -	—	1,680 13
Wadsley Bridge - - -	—	7,763 1½	Ussaby - - -	—	628 9
Sheffield - - -	33,573 0	34,470 5	Market Rasen - - -	—	14,368 10
Woodhouse - - -	108,068 15	—	Wickenby - - -	—	485 2½
Beighton - - -	16,354 2	4,344 10	Snelland - - -	—	2,232 3
Kiveton Park - - -	—	1,051 19	Langworth - - -	—	2,909 18½
Canal Siding - - -	223 12	1,635 15	Reepham - - -	—	928 10
Shireoaks - - -	80,861 7	726 6	Lincoln - - -	1,952 8	12,944 14½
Worksop - - -	22,586 16	5,260 9½	Brocklesby - - -	—	1,805 4½
Checker House - - -	—	404 19	Habro' - - -	—	573 5
Retford - - -	94,625 17	54,786 11½	Stallingbro' - - -	—	827 0½
Leverton - - -	—	1,736 10½	Gt. Coates - - -	—	104 15½
Cottam - - -	—	94 14	Grimsby - - -	—	3,473 1½
Torksey - - -	—	742 0	Grimsby Docks - - -	—	124,076 2
Sturton - - -	—	1,336 11	Ulceby - - -	—	821 9
Gainsbro' - - -	—	3,903 3½	Goxhill - - -	—	467 12
Blyton - - -	—	491 0½	Barton - - -	—	1,417 1
			New Holland - - -	—	956 8
Carried forward -	506,240 9	125,462 5½	Total - - -	506,201 17	315,138 13

MONTHLY RETURN of COALS sent to various Ports in the United Kingdom from Ports in YORKSHIRE, in the Year 1861.

Months.	HULL.		GOOLE.	
	Tons.	Tons.	Tons.	Tons.
January - - -	250	3,438	—	—
February - - -	1,557	9,566	—	—
March - - -	—	6,933	—	—
April - - -	—	7,187	—	—
May - - -	—	6,432	—	—
June - - -	—	7,112	—	—
July - - -	1,081	7,416	—	—
August - - -	1,533	6,167	—	—
September - - -	511	5,470	—	—
October - - -	330	7,519	—	—
November - - -	—	7,981	—	—
December - - -	—	9,275	—	—

MONTHLY RETURN of the COAL and COKE Exported to FOREIGN COUNTRIES from Ports in YORKSHIRE, in the Year 1861.

Months.	HULL.		GOOLE.	
	Coals.	Coke.	Coals.	Coke.
	Tons.	Tons.	Tons.	Tons.
January - - -	6,942	18	1,340	—
February - - -	7,639	32	1,672	—
March - - -	13,916	120	1,126	—
April - - -	13,916	—	19	—
May - - -	9,901	—	162	—
June - - -	12,363	54	811	—
July - - -	9,151	—	268	—
August - - -	8,627	33	147	—
September - - -	11,493	—	47	—
October - - -	18,483	128	515	—
November - - -	10,472	27	601	—
December - - -	6,941	10	293	—

Coals sent COASTWISE to other Ports of the UNITED KINGDOM.

YORKSHIRE AND DERBYSHIRE.

Ports from which shipped.	Coals.	Coke.	—	Total.
	Tons.	Tons.		Tons.
Gainsborough - - -	15,796	—	—	15,796
Goole - - -	84,508	—	—	84,508
Grimsby - - -	9,627	—	—	9,627
Hull - - -	14,040	—	—	14,040
Total - - -	123,971	—	—	123,971

Coals sent to FOREIGN COUNTRIES.

YORKSHIRE AND DERBYSHIRE.

Gainsborough - - -	1,587	—	—	1,587
Goole - - -	8,065	—	—	8,065
Grimsby - - -	81,658	—	—	81,658
Hull - - -	130,773	370	—	131,143
Total - - -	222,083	370	—	222,453

SUMMARY.

Coal, Coke, &c. sent Coastwise - - - - -	Tons.
“ “ to Foreign Countries - - - - -	123,971
	222,453
Total Quantities - - - - -	346,424

DERBYSHIRE, NOTTINGHAMSHIRE, LEICESTERSHIRE AND WARWICKSHIRE.

The Number of Collieries, Mr. JOHN HEDLEY's Inspection District.

	No. of Collieries.
Chesterfield - - - - -	83
Alfreton - - - - -	30
Ripley - - - - -	10
Buxton - - - - -	3
Stockport - - - - -	7
Ilkeston - - - - -	14
Burton-on-Trent - - - - -	11
	158
NOTTINGHAMSHIRE - - - - -	22
LEICESTERSHIRE - - - - -	11
WARWICKSHIRE - - - - -	16
Total - - - - -	207

Total produce of Coals in—	Tons.
DERBYSHIRE and NOTTINGHAMSHIRE - - -	5,116,319
LEICESTERSHIRE - - - - -	740,000
WARWICKSHIRE - - - - -	647,000
Total - - - - -	6,503,319

A STATEMENT of the District Association Sales of Coal (Erewash Valley, Leicestershire, and North Derbyshire), by Canal and Railway, in One Year, ending December 31st, 1861.

District.	Proprietors.	1st January to 31st March.	1st April to 30th June.	1st July to 30th Sept.	1st October to 31st Dec.	Total.	Consoli- dated.
EREWASH VALLEY	Messrs. Barber, Walker, and Co.	Tons. 48,044	Tons. 46,231	Tons. 61,611	Tons. 63,715	Tons. 221,601	1,501,089
	A. M. Mundy, Esq.	-	31,701	31,743	98,633	133,099	
	W. P. Morewood, Esq.	-	11,703	8,563	13,089	43,412	
	Messrs. S. and P. Potter	-	9,828	8,707	9,417	37,539	
	Messrs. Coke and Co.	-	46,931	43,442	43,191	180,186	
	The Butterley Co.	-	138,150	132,250	125,032	527,211	
	Messrs. Charles Seely and Co.	-	29,287	24,824	27,891	106,981	
	Messrs. James Oakes and Co.	-	24,613	20,894	22,327	96,943	
	Messrs. Haslam, Brothers	-	3,546	3,708	3,202	14,079	
	Thomas North, Esq.	-	32,974	28,610	29,177	125,706	
	J. C. Royston, Esq.	-	4,691	3,227	3,253	14,512	
	Messrs. Mellers, Brothers	-	248	428	709	1,820	
	The Moira Colliery Co.	-	42,164	39,329	38,397	156,897	
LEICESTERSHIRE	The Snibston Colliery Co.	-	39,690	28,436	38,997	132,502	607,415
	The Whitwick Colliery Co.	-	28,718	24,021	28,158	106,231	
	Messrs. Walker and Worswick	-	14,595	9,727	25,173	48,971	
	Wm. Worswick, Esq.	-	22,626	15,740	10,152	48,971	
	The Granville Colliery Co.	-	8,104	7,086	16,647	75,913	
NORTH DERBYSHIRE	Messrs. Hall and Bourdman	-	19,362	11,222	7,935	32,339	365,228
	The Clay Cross Colliery Co.	-	67,908	62,587	12,565	54,562	
	The Wingerworth Colliery Co.	-	9,523	6,582	73,696	259,810	
	The Grassmoor Co.	-	9,890	7,534	6,451	29,817	
	The Oakerthorpe Co.	-	10,320	8,592	10,187	36,295	
		654,316	568,912	582,595	667,909	2,473,732	2,473,732

* N.B.—These quantities do not include the local sales, nor coals used for iron-making purposes.

AN ACCOUNT of the SALE of COAL at the respective COLLIERIES, by CANAL and RAILWAY, in One Year, ending 31st December 1861, with each Colliery's Proportion of the Expenses.

COAL RETURNS.

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Proprietors.	Collieries.	No. of Boats.	Hard.	Soft.	Cobbles.	Cokes.	Amount.	Total Quantity by Canal.	Total Quantity by Railway.	Total.	Consolidated.
			Tons. cwts.	Tons. cwts.	Tons. cwts.	Tons. cwts.	£ s. d.	Tons. cwts.	Tons. cwts.	Tons.	
Messrs. Barber, Walker, and Co.	Beggarlee	281	118 10	118 10	4,460 5	—	8,769 16 4	9,547 0	25,085 2	34,692 2	221,601
	Underwood	508	4,939 5	143 0	4,896 5	—	7,119 13 10	17,264 0	38,868 2	56,122 2	
	Brinsley	189	—	3,783 5	444 0	—	1,605 16 5	4,227 5	18,851 7	19,557 2	
	Plainsot	—	—	—	—	—	—	—	8,833 8	8,833 8	
	High Park	—	—	—	—	—	—	—	10,377 11	12,641 6	
A. M. Munday, Esq.	Beavale	117	4,943 5	2,098 10	201 5	—	9,943 17 4	2,983 15	8,833 8	12,641 6	133,099
	Eastwood	219	1,012 0	3,599 10	9,113 0	—	5,610 9 2	15,377 11	7,139 9	15,968 15	
	Cotnamhay	328	2,644 0	8,510 5	16,622 10	198 15	8,712 13 4	28,977 10	57,647 7	71,114 17	
	Shipley	872	1,483 15	—	3,329 15	—	1,061 17 8	28,977 10	50,641 8	126,618 18	
	Dunbrook	114	624 0	—	1,073 15	—	769 0 9	3,916 10	769 0	3,916 10	
W. P. Morewood, Esq.	Swanwick	385	5,065 15	38 5	5,069 5	—	4,067 14 10	10,183 5	33,228 17	43,412 2	43,412
	Butland	427	5,964 10	5,853 0	1,068 15	—	4,543 17 7	12,483 5	25,056 6	37,539 11	
	Sleights	298	3,690 15	218 15	4,115 15	—	2,690 18 10	7,955 5	28,107 16	36,063 1	
	Carnfield	108	839 15	315 0	803 15	—	748 19 1	2,058 10	53,829 17	55,988 7	
	Langton	80	100 15	1,086 5	1,225 10	—	469 14 4	2,412 10	29,106 13	31,519 3	
Messrs. Coke and Co.	Palmerston	79	17 15	580 10	944 15	—	38 19 10	1,493 0	75,224 4	76,715 4	180,186
	Portland	3	91 12	—	—	—	—	—	76,777 3	76,777 3	
	Merbo'.	401	2,897 0	6,871 15	1,573 0	—	4,470 8 1	11,111 15	56,753 19	67,863 18	
	Brands	264	4,469 15	889 10	—	—	2,229 6 9	5,409 5	79,686 5	85,065 10	
	New Main	62	—	1,058 5	58 10	—	443 2 9	1,110 15	8,916 1	9,923 16	
The Butterley Company	Upper Birchwood	70	226 10	673 0	1,092 0	—	743 1 6	1,991 10	11,877 12	13,869 2	627,311
	Hartshay	318	35 0	3,213 0	3,323 5	—	2,088 19 10	6,471 5	—	6,471 5	
	Ripley	60	697 15	196 5	151 5	—	843 11 0	1,045 5	51,228 8	52,273 13	
	Marehay	—	23 15	—	—	—	8 12 2	23 15	85,846 18	85,846 18	
	Lescoe	77	1,640 5	302 5	317 5	—	920 5 0	2,959 10	34,313 4	36,573 19	
Messrs. Chas. Seely and Co.	Langley	97	69 5	1,743 0	745 10	—	1,100 4 8	2,557 15	70,830 7	73,388 2	106,961
	Plumtree	—	—	—	—	—	—	—	34,593 10	34,593 10	
	Graby	12	255 0	—	52 0	—	107 0 9	307 0	4,151 1	4,458 1	
	New Birchwood and Coates Park.	196	3,748 10	1,669 10	1,311 0	—	2,909 3 1	6,729 0	89,820 18	96,549 18	
	Berrister	323	4,798 5	1,742 10	3,889 0	—	4,025 7 0	10,429 15	—	10,429 15	
Messrs. Jas. Oakes and Co.	Riddings	198	6,942 10	6,942 10	11 0	—	2,866 10 9	6,973 10	89,970 13	96,944 3	123,766
	Penrich	966	7,358 0	1,933 15	3,855 10	931 0	3,538 4 1	14,078 5	—	14,078 5	
	Babbington	404	3,393 15	4,051 5	4,075 0	—	3,934 13 3	11,769 0	27,762 6	39,531 6	
	Nuttall	198	2,883 0	645 0	339 10	—	1,640 7 0	3,767 10	45,769 9	47,556 19	
	Newcastle	208	2,983 0	2,837 0	1,830 5	—	1,735 12 6	5,215 10	31,432 0	36,687 10	
J. C. Royston, Esq.	Stoneyford	68	1,048 5	1,064 5	69 0	—	443 2 10	1,183 5	13,879 15	14,513 0	1,501,091
	Hucknall	53	—	1,774 10	48 0	—	925 14 6	1,820 10	—	1,820 10	
	—	—	—	—	—	—	—	—	—	—	
	—	—	—	—	—	—	—	—	—	—	
	—	—	—	—	—	—	—	—	—	—	
Messrs. Mellors Bros.	—	8,066	76,485 5	64,206 15	76,601 15	1,127 15	78,356 18 1	218,421 10	1,292,669 17	1,501,091 7	

* The figures in this column represent the pit price of the total quantity sold by Canal.

This quantity was produced, and used or sold as follows :—
Tons.

Sold by associated masters in Derbyshire and Nottinghamshire	-	-	-	-	1,866,319
Collieries in Derbyshire and Nottinghamshire out of the Association	-	-	-	-	2,350,000
Used at Iron works	-	-	-	-	670,000
Do. Lime works	-	-	-	-	80,000
Do. Collieries and consumption	-	-	-	-	150,000
Leicestershire, Sales and Consumption	-	-	-	-	740,000
Warwickshire do. do.	-	-	-	-	647,000
Total	-	-	-	-	6,503,319

RAILWAY DISTRIBUTION.

GREAT NORTHERN RAILWAY carried coals from the DERBYSHIRE Coal fields to the following places :—

London and Hatfield, inclusive	-	-	-	-	97,422
Welwyn and Peterborough, inclusive	-	-	-	-	44,437
Tallington and Arksey do.	-	-	-	-	75,192
Peakirk and Lea do.	-	-	-	-	14,780
East Lincolnshire Line do.	-	-	-	-	865
Total	-	-	-	-	232,696

The GREAT NORTHERN also received at RETFORD the following quantities, chiefly from the Collieries around Chesterfield, but some portion is from the South Yorkshire Coal Field :—

To London and Hatfield, inclusive	-	-	-	-	8,084
„ Welwyn and Peterborough, inclusive	-	-	-	-	2,437
„ Tallington and Arksey do.	-	-	-	-	8,950
„ Peakirk and Lea do.	-	-	-	-	6,877
„ East Lincolnshire Line do.	-	-	-	-	5,865
Total	-	-	-	-	32,213

The MIDLAND RAILWAY carried from—

The Derbyshire Coalfield	-	-	-	-	2,370,817
„ Leicestershire, &c. Coalfield	-	-	-	-	696,258
„ Warwickshire, Worcestershire, and Staffordshire	-	-	-	-	89,048*
Total	-	-	-	-	3,156,123

The MANCHESTER, SHEFFIELD, and LINCOLNSHIRE RAILWAY carried to the following stations :—

					Tons.	Cwt.
Newton	-	-	-	-	5,939	18½
Mottram	-	-	-	-	15,149	14
Dinting	-	-	-	-	12,583	9
Glossop	-	-	-	-	52,428	12½
Hadfield	-	-	-	-	36,435	10
Crowden	-	-	-	-	44	12
Woodhead	-	-	-	-	74	13
Total	-	-	-	-	122,656	9

* This quantity has been divided in former years, showing the amount sent from each county.

STAFFORDSHIRE AND WORCESTERSHIRE.

The Number of Collieries in NORTH STAFFORDSHIRE, Mr. THOMAS
WINNE's Inspection District.

Name of Colliery District.	No. of Collieries.
Cheadle - - - - -	17
Longton - - - - -	24
Hanley - - - - -	12
Burslem - - - - -	18
Tunstall - - - - -	17
Biddulph - - - - -	12
Newcastle-under-Lyne - - - - -	28
	128

The Number of Collieries in SOUTH STAFFORDSHIRE, Mr. JAMES P.
BAKER's Inspection District.

Name of Colliery District.	No. of Collieries.
Rugeley - - - - -	4
Wyrley - - - - -	16
Walsall - - - - -	43
Darlaston - - - - -	11
Bilston - - - - -	64
Willenhall - - - - -	30
Wolverhampton - - - - -	26
Sedgley - - - - -	16
Tipton - - - - -	24
Rowley Regis - - - - -	21
Oldbury - - - - -	27
West Bromwich - - - - -	52
Wednesbury - - - - -	21
Corngreaves - - - - -	30
Dudley - - - - -	45
Stourport - - - - -	3
Brierley Hill - - - - -	15
Bewdley - - - - -	1
Bridgenorth - - - - -	3
	452
Total - - - - -	580

PRODUCE OF THESE COLLIERIES :—**NORTH STAFFORDSHIRE.**

	Tons.
Coals used at Iron Works - - - - -	539,500
" in the Potteries - - - - -	150,000
" ordinary local consumption - - - - -	870,500
Colliery consumption - - - - -	17,000
Sent out of district and sundries - - - - -	795,500
	2,372,500

SOUTH STAFFORDSHIRE AND WORCESTERSHIRE.

Coals used at Iron Works - - - - -	2,550,500
" " Collieries and Lime Works - - - - -	160,750
" ordinary local consumption - - - - -	650,000
Sent out of district (estimated) - - - - -	1,520,000
	4,881,250
Total Produce - - - - -	7,253,750

LANCASHIRE.

The Number of Collieries in the North and East or Manchester division, the Inspection District of Mr. JOSEPH DICKINSON - 269

The Number of Collieries in the Western division of the county, the Inspection District of Mr. PETER HIGSON—

St. Helen's	-	-	-	-	-	-	26
Wigan	-	-	-	-	-	-	78
							<u>104</u>
Total Number of Collieries in the County-							<u>373</u>

The Produce of these Collieries—

						Tons.
The North and East Division	-	-	-	-	-	5,950,000
The Western Division	-	-	-	-	-	5,795,500
"	"	Cannel Coal	-	-	-	450,000
						<u>12,195,500</u>

RAILWAY DISTRIBUTION.

THE MIDLAND RAILWAY, carried out of the district - - 7,544 tons.

MANCHESTER, SHEFFIELD, AND LINCOLNSHIRE RAILWAY.

Return of Coal forwarded and received as under during the Twelve Months ending December 31st, 1861.

Stations.	Forwarded.		Received.	
	Tons	Cwts.	Tons	Cwts.
Manchester	4,230	17	24	2
Ardwick	—	—	72,618	18½
Gorton	—	—	9,484	9
Guide Bridge	10,998	0	1,799	3
Ashton	—	—	977	17½
Staley Bridge	—	—	22,930	19
Total	15,228	17	107,834	13

CHESHIRE.

The Number of Collieries.—Mr. THOMAS WYNNE's Inspection District, 39.

The Produce of these Collieries—

		765,570 tons.
Leeswood Cannel Coal	-	36,000 tons.
Total	-	801,570 tons.

Coals sent COASTWISE to other Ports of the UNITED KINGDOM.
LANCASHIRE and CHESHIRE.

Ports from which shipped.	Coals.	Coke.	Anthracite.	Total.
	Tons.	Tons.	Tons.	Tons.
Chester - - -	61,730	—	—	61,730
Liverpool - - -	230,197	192	—	230,389
Preston - - -	40,227	75	—	40,302
Fleetwood - - -	14,153	10	6	14,169
Lancaster - - -	3,890	599	—	4,489
Total - - -	350,197	876	6	351,079

Coals sent to FOREIGN COUNTRIES.

LANCASHIRE AND CHESHIRE.

Chester - - -	534	16	—	550
Liverpool - - -	630,772	13,153	—	643,925
Runcorn - - -	1,172	48	—	1,220
Preston - - -	160	—	—	160
Fleetwood - - -	1,703	—	—	1,703
Lancaster - - -	3,860	—	—	3,860
Total - - -	638,201	13,217	—	651,418

SUMMARY.

Coal, Coke, &c. sent Coastwise - - -	Tons.
351,079	
" " to Foreign Countries. - - -	651,418
	<u>1,002,497</u>

The MIDLAND RAILWAY received from the Lancashire Coal-field
7,544 tons.

SHROPSHIRE.

The Number of Collieries.—Mr. THOMAS WYNNE's Inspection District, 66.

The Produce of these Collieries—

829,750 tons.

GLOUCESTERSHIRE, SOMERSETSHIRE, AND DEVONSHIRE.

No. of Collieries.—Mr. LIONEL BROUGH's Inspection District, 203.

						Number of Collieries.
In GLOUCESTERSHIRE	-	-	-	-	-	71
In SOMERSETSHIRE	-	-	-	-	-	40
In DEVONSHIRE	-	-	-	-	-	2
						113
MONMOUTHSHIRE, also in Mr. Lionel Brough's District	-	-	-	-	-	83
Beyond these there are on the eastern edge of GLAMORGANSHIRE	-	-	-	-	-	7
						203

COAL PRODUCE.

						Tons.
NORTHERN DIVISION of the BRISTOL COAL FIELD	-	-	-	-	-	575,000
SOUTHERN DIVISION of ditto ditto	-	-	-	-	-	450,525
GLOUCESTERSHIRE (Forest of Dean)	}	-	-	-	-	5,150,000
MONMOUTHSHIRE		-	-	-	-	
GLAMORGANSHIRE (7 Collieries)	-	-	-	-	-	325,000
DEVONSHIRE	-	-	-	-	-	10,500
Total Produce of Mr. Lionel Brough's District						6,511,025

RAILWAY DISTRIBUTION.

THE GREAT WESTERN RAILWAY carried from—

						Tons
BRISTOL Coal Field	-	-	-	-	-	9,035

WALES.

SOUTH WALES.

NUMBER OF COLLIERIES.

In the Inspection District of Mr. LIONEL BROUGH, of Clifton, is included a thin edge of Glamorganshire, and a small portion of the Rhymney Valley.

In the Inspection District of Mr. THOMAS EVANS of Swansea.

	Number of Collieries.
PEMBROKESHIRE - - - - -	- 21
CAERMARTHENSHIRE - - - - -	- 88
GLAMORGANSHIRE - - - - -	- 204
Total Collieries in South Wales	313

PRODUCE OF THESE COLLIERIES.

	Tons.
Aberdare district - - - - -	- 1,790,771
Merthyr district - - - - -	- 925,000
South Crop, estimated by Mr. Thomas Evans -	- 1,875,000
Vale of Neath, Pembrokeshire, and Carmarthenshire	- 2,100,000
(Including waste Coal)	
Total of South Wales -	- 6,690,771

COAL RETURNS.

COAL raised in the Parish of ABERDARE during the year ending December 1861, distinguishing the QUANTITIES EXPORTED from that USED in the IRON WORKS.

Name of Colliery.	Quarter ending March.			Quarter ending June.			Quarter ending September.			Quarter ending December.		
	Ex-ported.	Used at Iron Works.	Total.	Ex-ported.	Used at Iron Works.	Total.	Ex-ported.	Used at Iron Works.	Total.	Ex-ported.	Used at Iron Works.	Total.
Hirwain -	Tons. 6,851	Tons. —	Tons. 6,851	Tons. 8,154	Tons. —	Tons. 8,154	Tons. 4,640	Tons. —	Tons. 4,640	Tons. 2,059	Tons. —	Tons. 2,059
Hirwain Aberdare Steam Coal Co.	8,216	—	8,216	7,761	—	7,761	7,689	—	7,689	9,829	—	9,829
Hirwain (Kirkhouse, G. and H.) -	2,475	—	2,475	2,532	—	2,532	2,513	—	2,513	4,144	—	4,144
Bwllfa -	12,265	—	12,265	15,936	—	15,936	11,094	—	11,094	13,466	—	13,466
Merthyr Dare Colliery -	18,005	—	18,005	22,517	—	22,517	14,503	—	14,503	15,972	—	15,972
Gully's -	28,314	9,016	37,330	32,964	5,438	38,402	28,892	6,310	35,202	27,833	8,120	35,953
Ysgubawren -	—	—	—	16,758	—	16,758	21,878	—	21,878	21,032	—	21,032
Aberdare -	33,555	27,701	61,256	40,497	20,989	61,486	41,310	15,937	57,267	30,000	22,922	52,929
Blaengwawr -	23,905	—	23,945	22,248	—	22,248	20,127	—	20,127	23,861	—	23,861
Abercwmboi -	24,927	—	24,927	26,261	—	26,261	18,972	—	18,972	23,077	—	23,077
Ynyscynon -	3,158	19,059	22,667	3,245	17,740	20,985	3,330	16,299	19,629	3,313	19,080	22,363
Cwmneol -	18,665	—	18,665	16,841	—	16,841	8,108	—	8,108	6,344	—	6,344
Ffoochaman -	16,415	—	16,415	16,842	—	16,842	9,201	—	9,201	8,200	—	8,200
Bedwlyn -	5,286	—	5,286	8,723	—	8,723	8,590	—	8,590	9,540	—	9,540
Upper Dyffryn -	13,807	—	13,807	10,001	—	10,001	8,096	—	8,096	13,027	—	13,027
Middle do.	17,724	—	17,724	14,281	—	14,281	16,234	—	16,234	24,272	—	24,272
Lower do.	31,053	—	31,053	39,687	—	39,687	37,967	—	37,967	56,823	—	56,823
Abergawr -	12,998	—	12,998	10,801	—	10,801	6,800	—	6,800	10,226	—	10,226
Cwmndare -	10,764	—	10,764	12,385	—	12,385	9,900	—	9,900	15,687	—	15,687
Deep Dyffryn -	18,531	—	18,531	18,710	—	18,710	19,102	—	19,102	22,327	—	22,327
Lletyshenkin -	17,507	—	17,507	25,063	—	25,063	30,752	—	30,752	26,786	—	26,786
Abernantygros -	6,795	—	6,795	11,868	—	11,868	12,853	—	12,853	14,380	—	14,380
Welfa -	14,072	—	14,072	17,875	—	17,875	14,275	—	14,275	13,915	—	13,915
Nantmelyn -	—	—	—	208	—	208	833	—	833	3,859	—	3,859
Tryllathdu -	—	—	—	—	—	—	70	—	70	160	—	160
Total	377,835	56,236	434,061	418,808	44,167	462,975	380,550	38,566	419,116	424,520	50,099	474,619

GENERAL SUMMARY of COAL raised in the Parish of ABERDARE in the year 1861.

	Coal Exported.	Used at Iron Works.	Total.
	Tons.	Tons.	Tons.
Quarter ending March - - -	377,835	56,226	434,061
Quarter ending June - - -	418,808	44,167	462,975
Quarter ending September - - -	380,550	38,566	419,116
Quarter ending December - - -	424,520	50,099	474,619
Total raised in 1861 - - -	1,601,713	189,058	1,790,771

RAILWAY DISTRIBUTION.

The information on the distribution of coal from this district is not sufficiently exact for publication this year. It is hoped that a more complete system of returns will be secured before the publication of the returns for the present year. The following statements are of interest.

The GREAT WESTERN RAILWAY received at Bristol from Cardiff 26,259 Tons.

The MIDLAND RAILWAY carried from the Gloucester and South Wales Districts 219,979 Tons.

EXPORTS OF COAL, &c.

COALS, COKE, and ANTHRACITE shipped at the undermentioned Ports from the following Coal-fields, and sent COASTWISE to other PORTS of the UNITED KINGDOM, in the Year 1861.

BRISTOL AND GLOUCESTER.

Ports from which shipped.	Coals.	Coke.	Anthracite.	Total.
	Tons.	Tons.	Tons.	Tons.
Bristol - - - -	876	—	—	876
Gloucester - - - -	161,289	75	200	161,289
Total - - - -	162,165	75	200	162,165

SOUTH WALES.

Ports from which shipped.	Coals.	Coke.	Anthracite.	Total.
Cardiff - - - -	887,753	7,976	—	895,729
Newport - - - -	615,920	1,307	—	617,227
Swansea - - - -	190,610	—	51,502	242,112
Neath - - - -	132,468	56	69,396	201,920
Port Talbot - - - -	80,549	411	—	80,960
Porth Cawl - - - -	16,492	41	40	16,573
Llanelli - - - -	255,143	—	23,127	278,270
Milford - - - -	20,599	—	30,783	51,382
Total - - - -	2,199,334	9,791	174,848	2,384,173

COALS, COKE, AND ANTHRACITE EXPORTED to FOREIGN COUNTRIES from the following Coal-fields :—

BRISTOL AND GLOUCESTER.

Ports from which shipped.	Coals.	Coke.	Anthracite.	Total.
	Tons.	Tons.	Tons.	Tons.
Bristol - - -	17,424	170	—	17,594
Gloucester - - -	4,563	—	—	4,563
Total - - -	21,987	170	—	22,157

SOUTH WALES.

Ports from which shipped.	Coals.	Coke.	Anthracite.	Total.
	Tons.	Tons.	Tons.	Tons.
Cardiff - - -	1,103,849	5,505	—	1,109,354
Newport - - -	211,135	64	—	211,199
Swansea - - -	414,840	2,293	996	418,129
Neath - - -	17,402	—	880	18,282
Llanelly - - -	104,772	—	6,331	111,103
Milford - - -	540	—	—	540
Port Talbot - - -	1,495	—	—	1,495
Total - - -	1,854,033	7,862	8,207	1,870,102

SUMMARY :

BRISTOL and GLOUCESTER.

Coal and Coke sent Coastwise - - -	-	-	-	-	Tons. 162,165
„ „ to Foreign Countries - - -	-	-	-	-	22,157
Total Quantities - - -	-	-	-	-	<u>184,322</u>

MONMOUTHSHIRE and SOUTH WALES.

Coal and Coke sent Coastwise - - -	-	-	-	-	Tons. 2,384,173
„ „ to Foreign Countries - - -	-	-	-	-	1,870,102
Total - - -	-	-	-	-	<u>4,254,275</u>

From Saundersfoot in Pembrokeshire, the whole of the Anthracite raised on the Eastern side of the County, is shipped. This amounted in 1861 to the following quantities :—

Coal (Anthracite), Coastwise, including London - - -	-	-	-	-	Tons. 18,926
„ Foreign, Denmark - - -	-	-	-	-	140
Culm, Coastwise, none to London - - -	-	-	-	-	17,044
Total - - -	-	-	-	-	<u>36,110</u>

MONTHLY RETURN of COALS, COKE, CULM, and ANTHRACITE sent to LONDON and other Ports in the UNITED KINGDOM from the under-mentioned Ports in SOUTH WALES, in the Year 1861.

Months.	SWANSEA.			CARDIFF.		LLANELLY.		NEWPORT.		ST. DAVIDS.	
	Coals.	Coke.	Culm.	Coals.	Coke.	Coals.	Culm.	Coals.	Coke.	Coals.	Coke.
January	Tons. 21,215	Tons. —	Tons. 9,315	Tons. 75,478	Tons. 820	Tons. 14,992	Tons. 1,072	Tons. 51,959	Tons. 190	Tons. 1,468	Tons. —
February	13,853	—	2,766	64,708	965	10,555	903	43,346	497	807	—
March	13,797	—	4,982	59,236	1,025	16,620	—	145,114	746	69	—
April	22,085	—	7,076	88,048	722	95,236	3,757	53,369	132	133	—
May	17,521	—	4,887	97,708	844	27,927	3,107	56,831	98	245	—
June	16,672	—	5,807	76,403	428	22,626	3,083	53,327	97	154	—
July	17,927	—	3,731	78,273	669	25,183	—	52,364	135	41	—
August	13,431	8	4,131	57,882	507	21,139	—	41,645	36	387	—
September	12,801	—	4,872	72,965	424	23,979	—	55,518	63	661	—
October	12,498	45	4,480	69,219	479	35,396	—	52,764	—	211	—
November	14,062	—	3,260	82,640	598	17,004	—	64,093	81	623	—
December	15,290	—	2,215	58,201	500	12,143	—	40,895	25	367	—

MONTHLY RETURN OF COALS AND COKE EXPORTED TO FOREIGN COUNTRIES FROM THE UNDER-MENTIONED PORTS IN SOUTH WALES
in the Year 1861.

MONTH.	CARDIFF.		SWANSEA.		NEWPORT.		LLANELLY.		ST. DAVIDS.	
	Coals.	Coke.	Coals.	Coke.	Coals.	Coke.	Coals.	Culm.	Coals.	Coke.
January	Tons. 101,747	Tons. 601	Tons. 27,892	Tons. 70	Tons. 20,166	Tons. —	Tons. 8,925	Tons. 620	Tons. 4,493	Tons. —
February	72,587	387	25,181	—	15,451	—	4,641	260	1,106	—
March	72,673	38	27,795	220	10,278	—	4,349	270	3,471	—
April	97,777	467	40,545	415	16,693	—	14,513	2,095	9,583	—
May	86,603	497	48,027	—	17,293	—	14,274	690	6,075	—
June	91,833	460	42,914	—	16,066	—	12,549	862	6,837	—
July	105,492	780	32,926	437	17,468	22	11,251	—	5,793	—
August	107,676	589	30,322	256	15,517	—	9,337	—	2,887	—
September	94,377	228	25,922	—	21,931	—	8,085	—	3,637	—
October	109,561	825	41,487	—	25,027	—	8,012	—	6,117	—
November	90,951	69	37,165	—	17,337	—	6,141	—	3,391	—
December	96,015	282	31,081	—	21,223	—	4,989	—	2,183	—

WALES.

NORTH WALES.

NUMBER of COLLIERIES in the Inspection District of Mr. PETER HIGSON.

FLINTSHIRE	-	-	-	-	-	-	-	38
DENBIGHSHIRE	-	-	-	-	-	-	-	35
ANGLESEA	-	-	-	-	-	-	-	5
Total								<u>78</u>

PRODUCE OF THESE COLLIERIES.

								Tons.
FLINTSHIRE	-	-	-	-	-	-	-	600,500
ANGLESEA	-	-	-	-	-	-	-	19,750
DENBIGHSHIRE	-	-	-	-	-	-	-	1,250,000
Total								<u>1,870,250</u>

SCOTLAND.

NUMBER OF COLLIERIES in the Inspection District of Mr. WILLIAM ALEXANDER, of Glasgow :—

LANARK-SHIRE.	Glasgow	-	-	-	-	-	-	14	
	Rutherglen	-	-	-	-	-	-	10	
	Shettleston	-	-	-	-	-	-	4	
	Ballieston	-	-	-	-	-	-	14	
	Coatbridge	-	-	-	-	-	-	14	
	Airdrie	-	-	-	-	-	-	6	
									62
AYR-SHIRE.	Ayr	-	-	-	-	-	-	15	
	Irvine	-	-	-	-	-	-	23	
	Kilmarnock	-	-	-	-	-	-	33	
	Cumnock	-	-	-	-	-	-	19	
									90
	WEST STIRLING	-	-	-	-	-	-	19	
	DUMBERTONSHIRE	-	-	-	-	-	-	14	
	RENFREWSHIRE	-	-	-	-	-	-	8	
	ARGYLESIRE	-	-	-	-	-	-	1	
	DUMFRIESHIRE	-	-	-	-	-	-	4	
									46
Total									198

Total Produce of Coals in Mr. ALEXANDER's District,
5,855,500 tons.

NUMBER OF COLLIERIES in the Inspection District of Mr. RALPH MOORE, of Edinburgh :—

LANARK-SHIRE.	Airdrie	-	-	-	-	-	-	32	
	Holytown	-	-	-	-	-	-	13	
	Motherwell	-	-	-	-	-	-	7	
	Wishaw	-	-	-	-	-	-	22	
	Hamilton, Lesmahagow, &c.	-	-	-	-	-	-	33	
									107
FIFE-SHIRE.	Kirkcaldy	-	-	-	-	-	-	30	
	Cupar	-	-	-	-	-	-	14	
									44
	CLACKMANNANSHIRE	-	-	-	-	-	-	9	
	HADDINGTONSHIRE	-	-	-	-	-	-	12	
	EDINBURGHSHIRE	-	-	-	-	-	-	15	
	LINLITHGOWSHIRE	-	-	-	-	-	-	17	
	EAST STIRLINGSHIRE	-	-	-	-	-	-	20	
	PEEBLESHIRE	-	-	-	-	-	-	1	
	PERTHSHIRE	-	-	-	-	-	-	1	
									75
Total									226

TOTAL PRODUCE of Coals in Mr. RALPH MOORE's District :—
5,225,500 Tons.

The TOTAL PRODUCE of SCOTLAND being—
11,081,000 Tons.

COALS and COKE sent COASTWISE from PORTS in SCOTLAND to other
Ports of the UNITED KINGDOM in 1861.

Ports from which shipped.	Coals.	Coke.
	Tons.	Tons.
Alloa - - - - -	12,552	—
Ayr - - - - -	109,425	—
Borrowstoness - - - - -	124,156	26
Dundee - - - - -	1,537	—
Glasgow - - - - -	109,118	—
Grangemouth - - - - -	3,389	—
Greenock - - - - -	13,715	—
Irvine - - - - -	391,795	—
Kirkaldy - - - - -	44,297	—
Leith - - - - -	6,269	—
Total - - - - -	816,223	26

Sent to FOREIGN COUNTRIES from SCOTLAND :—

Ports from which shipped.	Coals.	Coke.
	Tons.	Tons.
Aberdeen - - - - -	474	—
Alloa - - - - -	56,346	45
Ayr - - - - -	2,006	—
Borrowstoness - - - - -	167,918	234
Dundee - - - - -	36,017	—
Glasgow - - - - -	81,517	1,435
Grangemouth - - - - -	73,748	426
Greenock - - - - -	65,744	1,002
Irvine - - - - -	115,494	86
Kirkaldy - - - - -	79,662	85
Leith - - - - -	47,866	974
Port Glasgow - - - - -	7,941	—
Wick - - - - -	238	—
Total - - - - -	734,971	4,287

SUMMARY of Shipments from SCOTLAND :—

Sent Coastwise :—	Tons.
Coals - - - - -	816,223
Coke - - - - -	26
Sent to Foreign Countries :—	
Coals - - - - -	734,971
Coke - - - - -	4,287
Total Exports - - - - -	1,555,507
Of this there was sent by sea to London - - - - -	Tons.

MONTHLY RETURN OF COAL sent to LONDON and other Ports of the UNITED KINGDOM, from the under-mentioned Ports in SCOTLAND adjacent to the Coal-fields, in the Year 1861.

MONTHS.	Troon.	Ardrossan.	Ayr.	Irvine.	Alloa.	Borrowstoness.	Inverkeithing.	Charlestown.
January	Tons. —	Tons. —	Tons. 8,839	Tons. —	Tons. 503	Tons. 3,576	Tons. 2,090	Tons. 1,961
February	—	6,221	5,815	3,806	493	3,948	329	2,998
March	—	6,726	—	—	600	3,197	272	3,912
April	—	—	8,054	—	804	4,348	771	5,100
May	—	—	10,026	—	1,121	4,804	671	6,762
June	21,325	11,940	10,260	2,495	1,180	5,987	649	5,057
July	22,056	7,604	10,887	2,429	1,395	5,551	711	3,360
August	24,468	6,400	9,239	2,951	1,366	7,734	812	5,076
September	22,838	6,259	9,265	2,219	—	4,637	380	3,920
October	30,351	8,894	11,408	3,400	504	1,333	265	3,644
November	20,466	7,258	—	2,841	784	4,506	309	5,093
December	16,292	7,390	9,815	2,306	585	4,475	596	3,849

MONTHLY RETURN OF COAL EXPORTED TO FOREIGN COUNTRIES, FROM THE UNDER-MENTIONED PORTS IN SCOTLAND, ADJACENT TO THE COAL-FIELDS, IN THE YEAR 1861.

MONTHS.	Glasgow.	Port Glasgow.	Greenock.	Grangemouth.	Alloa.	Borrowstoness.	Inverkeithing.	Ayr.	Iron.	Ardrossan.	Charlestown.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
January	5,948	—	3,576	2,772	1,490	202	939	—	—	—	1,634
February	6,610	437	3,338	1,636	1,284	1,097	478	—	9,594	2,460	502
March	6,175	765	6,266	3,733	3,481	1,228	454	309	—	—	2,689
April	7,791	2,519	9,386	8,962	5,775	2,739	2,660	340	—	—	6,385
May	5,090	234	3,981	7,888	3,964	3,322	1,499	470	—	—	8,025
June	2,991	43	9,507	7,006	4,655	3,970	3,447	—	6,282	3,348	6,446
July	5,604	1,718	9,293	6,944	4,931	4,132	3,985	210	6,932	3,011	7,923
August	7,439	763	5,510	4,384	5,308	3,819	2,636	—	7,835	6,380	6,966
September	9,692	—	5,207	6,172	6,125	1,045	2,794	200	10,669	2,536	4,152
October	10,096	—	2,418	11,988	11,633	3,566	3,328	200	9,187	4,601	8,809
November	5,200	—	4,887	6,908	7,453	2,471	1,667	—	6,616	1,858	4,698
December	8,535	881	2,076	2,612	2,489	1,063	1,112	271	9,005	1,721	2,076

IRELAND.

NUMBER OF COLLIERIES.

	Working.
Antrim - - - - -	1
Tyrone - - - - -	1
Cavan - - - - -	—
Leitrim, Sligo, and Roscommon - - -	7
Kilkenny - - - - -	8
Carlow and Queen's Counties - - -	1
Queen's County - - - - -	9
Tipperary - - - - -	14
Cork - - - - -	3
Limerick - - - - -	2
Total -	46

These 46 Collieries produced in 1861—

Anthracite and Small Coals - - -	72,570 tons.
Bituminous Coal - - - - -	50,500 tons.
Total -	123,070 tons.

COALS exported from IRELAND,—

2,948 Tons.

Sent COASTWISE from ROSS, 120 tons.

Sent to FOREIGN COUNTRIES.

Ports from which shipped.	Coals.
	Tons.
Belfast - - - - -	550
Cork - - - - -	456
Dublin - - - - -	1,191
Limerick - - - - -	100
Londonderry - - - - -	340
Waterford - - - - -	311
Total - - - - -	2,948

Coals sent COASTWISE.

FROM PORTS, DISTANT FROM COAL-FIELDS.

Ports from which shipped.	Coals.	Coke.	Anthracite.	Total.
	Tons.	Tons.	Tons.	Tons.
Boston - - -	82	—	—	82
Dover - - -	—	215	—	215
Faversham - - -	50	—	—	50
London - - -	3,343	1,275	—	4,618
Plymouth - - -	30	—	—	30
Portsmouth - - -	11,565	175	—	11,740
Rochester - - -	2,465	280	—	2,745
Total - - -	17,535	1,945	—	19,480

Coals sent to FOREIGN COUNTRIES.

FROM PORTS DISTANT FROM COAL FIELDS.

Ports from which shipped.	Coals.	Coke.	Total.
	Tons.	Tons.	Tons.
Bideford - - -	140	—	140
Boston - - -	340	—	340
Dartmouth - - -	16	112	128
Falmouth - - -	120	—	120
Faversham - - -	304	—	304
London - - -	67,760	7,106	74,866
Lowestoft - - -	70	—	70
Penzance - - -	70	—	70
Plymouth - - -	700	—	700
Poole - - -	95	—	95
Portsmouth - - -	262	—	262
Shoreham - - -	140	34	174
Southampton - - -	20	—	20
Total - - -	70,037	7,252	77,289

PATENT FUEL.

Sent from the undermentioned Ports, COASTWISE, to other Ports in the UNITED KINGDOM.

Ports from which Shipped.	1859.	1860.	1861.
	Tons.	Tons.	Tons.
Cardiff - - -	1,475	1,245	1,251
Chester - - -	2,412	1,594	—
Llanelly - - -	—	190	—
London - - -	—	—	220
Newcastle - - -	3,163	1,370	2,057
Swansea - - -	22,140	21,798	23,008
Total - - -	29,190	26,197	26,536

PATENT FUEL

Exported from the following Ports to FOREIGN COUNTRIES during the Years 1860 and 1861, with the DECLARED VALUE of the same.

Ports from which shipped.				1860.		1861.	
				Quantity.	Value.	Quantity.	Value.
				Tons.	£	Tons.	£
London	-	-	-	6,104	6,828	3,526	4,212
Bristol	-	-	-	679	504	100	75
Cardiff	-	-	-	7,567	4,868	7,164	4,589
Swansea	-	-	-	68,824	37,766	67,296	37,247
Llanelly	-	-	-	255	134	250	130
Liverpool	-	-	-	5,359	3,916	976	836
Newcastle	-	-	-	755	484	195	123
Shields	-	-	-	1,000	750	—	—
Hull	-	-	-	—	—	20	9
Penzance	-	-	-	200	100	—	—
Sunderland	-	-	-	—	—	190	153
Total	-	-	-	90,743	55,350	79,717	47,374

PATENT FUEL

MONTHLY RETURN of the QUANTITIES EXPORTED to FOREIGN COUNTRIES, as per Browne's Export List, during the Year 1861.

Months.				Swansea.	Liverpool.	Cardiff.	Newcastle.
				Tons.	Tons.	Tons.	Tons.
January	-	-	-	4,468	—	—	—
February	-	-	-	5,848	—	—	—
March	-	-	-	2,055	—	—	—
April	-	-	-	13,916	—	647	—
May	-	-	-	6,519	59	2,386	10
June	-	-	-	5,449	—	—	—
July	-	-	-	7,183	5	—	—
August	-	-	-	2,130	45	—	—
September	-	-	-	3,437	139	—	—
October	-	-	-	4,015	10	1,009	—
November	-	-	-	2,633	171	865	—
December	-	-	-	3,661	150	—	85
Total	-	-	-	61,314	579	4,907	95

COALS, COKE, ANTHRACITE, AND PATENT FUEL.

TOTAL QUANTITIES shipped at the several Ports of Great Britain and sent
COASTWISE to other PORTS OF THE UNITED KINGDOM in 1861 and
two previous years.

Description.	1859.	1860.	1861.
	Tons.	Tons.	Tons.
Coals - - - - -	9,913,595	10,522,126	10,772,068
Coke - - - - -	45,991	40,203	44,270
Anthracite - - - -	148,247	158,387	176,259
Patent Fuel - - - -	29,190	26,197	26,536
Total - - - - -	10,137,023	10,746,913	11,019,133

Exported to FOREIGN COUNTRIES in 1861 and two previous years.

Description.	1859.	1860.	1861.
	Tons.	Tons.	Tons.
Coals - - - - -	6,784,337	7,060,388	7,560,758
Coke - - - - -	213,579	247,761	286,150
Anthracite - - - -	9,093	13,683	8,207
Patent Fuel - - - -	75,000	90,743	79,717
Total - - - - -	7,081,949	7,412,575	7,934,832

DECLARED VALUE of the above EXPORTED QUANTITIES.

Description.	1859.	1860.	1861.
	£	£	£
Coals - - - - -	3,113,487	3,141,507	3,408,765
Coke - - - - -	154,419	171,827	194,142
Anthracite - - - -	2,107	2,947	1,883
Patent Fuel - - - -	45,266	55,350	47,374
Total - - - - -	3,315,279	3,371,631	3,652,164

COALS, COKE, ANTHRACITE, AND PATENT FUEL.

COUNTRIES receiving PRINCIPAL EXPORTS during the Year 1861.

Countries to which exported.	Coals.	Coke.	Anthracite.	Patent Fuel.
	Tons.	Tons.	Tons.	Tons.
France - - -	1,436,160	8,275	7,773	19,117
Denmark - - -	542,567	15,126	—	20
Hamburgh - - -	514,427	21,299	—	—
Prussia - - -	439,096	13,643	—	—
Italy - - -	417,629	21,645	—	5,685
Spain and the Canaries - - -	403,238	92,459	150	20,388
America—Atlantic Ports - - -	349,931	50	—	1
Russia—Northern Ports - - -	342,513	11,677	—	400
Foreign West Indies - - -	262,932	23	—	6
Holland - - -	262,868	6,157	—	—
Sweden - - -	214,004	22,408	—	—
British India, Continental Territories - - -	199,069	18,695	—	464
Turkey - - -	174,686	65	—	—
British North American Colonies - - -	165,824	1,655	—	9
Brazil - - -	157,281	2,606	—	509
Norway - - -	135,221	5,252	—	—
British West Indies - - -	127,768	359	—	2,539
Malta - - -	115,731	—	—	1,618
Portugal, Azores, and Madeira - - -	108,794	1,368	284	400
Hanover - - -	100,312	3,615	—	—
Egypt - - -	96,311	22,181	—	2,687
Gibraltar - - -	81,136	—	—	1,122
Channel Islands - - -	73,294	690	—	—
China - - -	69,506	45	—	3,335
Chili - - -	67,226	3,173	—	—
Oldenburg - - -	59,353	839	—	—
Russia—Black Sea - - -	52,628	580	—	—
Belgium - - -	46,643	11	—	—
Mecklenburgh - - -	42,253	1,790	—	—
Uruguay - - -	39,230	80	—	—
Ionian Islands - - -	35,958	—	—	—
British India, Singapore - - -	31,955	—	—	860
Greece - - -	29,715	89	—	—
Peru - - -	29,560	1,794	—	3,617
Lubeck - - -	29,725	1,665	—	—
British Possessions in South Africa - - -	28,448	307	—	—
British India, Ceylon - - -	25,899	47	—	944
Cape Verde Islands - - -	23,299	—	—	2,970
British Settlements in Australia - - -	23,708	4,187	—	1,300
United States—Ports on the Pacific - - -	21,901	—	—	—
Western Coast of Africa - - -	21,730	11	—	2,384
Algeria - - -	20,445	11	—	4,096
Bremen - - -	19,515	266	—	—
Aden - - -	19,440	—	—	1,040
Buenos Ayres - - -	19,428	209	—	—
Syria and Palestine - - -	18,529	—	—	—
Mauritius - - -	18,314	7	—	2,652
Wallachia and Moldavia - - -	10,553	—	—	—
Philippine Islands - - -	10,032	—	—	—
Java - - -	6,637	1,418	—	—
To sundry other Ports - - -	18,336	374	—	28,561
Total - - -	7,560,758	286,150	8,207	79,717

COAL and CULM exported (as per Board of Trade Returns) during the three Years ending 1861, and the Countries receiving the principal Quantities.

Countries to which exported.	1859.	1860.	1861.
	Tons.	Tons.	Tons.
Russia - - -	347,414	356,496	406,617
Denmark - - -	462,620	418,356	558,457
Prussia - - -	393,962	399,175	453,364
Hanse Towns - - -	528,916	539,468	586,605
Holland - - -	298,263	315,931	268,925
France - - -	1,391,009	1,352,062	1,452,933
Spain and Canaries - - -	430,888	452,479	496,435
Turkey - - -	218,574	196,504	173,975
United States - - -	204,516	309,869	371,705
Other Countries - - -	2,730,787	2,981,492	3,082,218
Totals - - -	7,006,949	7,321,832	7,851,234
	£	£	£
Declared Value - - -	3,270,013	3,316,281	3,593,076

COALS brought by RAILWAY and by SEA within the LONDON DISTRICT.

BY RAILWAY.

	Tons.	cwts.
London and North Western Railway - - -	743,542	4
Great Northern do. - - -	537,225	10
Eastern Counties do. - - -	156,220	4
Great Western do. - - -	95,045	0
Midland do. - - -	69,329	0
South Western do. - - -	14,280	9
South Eastern do. - - -	16,691	3
Hertford, Luton, &c. do. - - -	7,787	14
Chatham, Dover, and Mid-Kent do. - - -	1,576	3
Tilbury and Southend do. - - -	805	0
Total - - -	1,642,502	7

BY SEA.

From	Tons.	cwts.
Newcastle - - -	1,283,184	0
Seaham - - -	179,251	0
Sunderland - - -	1,057,403	0
Middlesboro' - - -	57,117	0
Hartlepool and West Hartlepool - - -	719,948	0
Blyth - - -	46,326	0
Scotland - - -	21,852	0
Wales - - -	121,483	0
Yorkshire - - -	30,279	0
Liverpool - - -	933	0
Duff - - -	14,107	0
Small Coal - - -	17,751	0
Coke - - -	16,687	0
Culm - - -	1,281	0
Total - - -	3,567,002	0

	Tons.	cwts.
Total by Railway, Canal, and Roads - - -	3,567,002	0
„ Sea - - -	1,665,080	0
Total - - -	5,232,082	0

CLAY RETURNS.

CLAY.

CORNWALL.

PORCELAIN CLAY, or

KAOLIN commonly called CHINA CLAY.

					Tons.
Production in 1859	-	-	-	-	61,470
Do. 1860	-	-	-	-	63,250
Do. 1861	-	-	-	-	60,750

CHINA STONE.

					Tons.
Production in 1859	-	-	-	-	20,750
Do. 1860	-	-	-	-	21,500
Do. 1861	-	-	-	-	19,700

ST. AGNES CLAY.

					Tons.
Sent to Wales	-	-	-	-	1,398
Used by the Miners, &c.	-	-	-	-	496
Total	-	-	-	-	1,894

DEVONSHIRE.

DARTMOOR.

					Tons.
LEE MOOR	-	-	-	-	1,769
BRENT MOOR, HEMERDON, SMALL HANGER	-	-	-	-	

TEIGNMOUTH CLAY.

					Tons.
Shipped at Teignmouth	-	-	-	-	31,780

DORSETSHIRE.

EXPORTATION of CLAY from POOLE in 1861.

	Tons.		Tons.
Runcorn	11,490	Brought forward	35,442
London	6,844	Carthage	133
Liverpool	3,970	Guernsey	127
Sunderland	2,032	Birkenhead	125
Newcastle	1,954	Bonar	119
Glasgow	1,343	Plymouth	110
Goole	1,025	Dover	100
Dordt	901	Castleford	99
Bristol	893	Newhaven	84
Seville	706	Alloa	84
Gloucester	710	Caen	67
Hull	593	Portsmouth	65
Stockholm	476	Bremen	64
Hartlepool	368	Spalding	60
Stockton	302	Newport	58
Kirkcaldy	273	Southampton	53
Middlesborough	252	Grimaby	53
Swansea	248	Leigh	52
Leeds	243	Penteman	39
Shields	208	Boston	35
Llanelly	166	Ipswich	33
Teignmouth	161	Havre	33
Milford	147	Shoreham	32
Dysart	137	Farnham	20
Carried forward	35,442	Total tons	37,087

FULLER'S EARTH.

1861.

From the neighbourhood of Reigate - - 8,000 Tons.
 In producing this there is also raised about 17,000 tons of Stone.

UMBER AND ROTTEN STONE.

Isle of Man - - Tons. cwt. grs. £ s. d.
 - - 116 7 2 = 444 2 6

SALT.

SALT exported to FOREIGN COUNTRIES in 1861 as compared with the two previous years.

	Quantities.			Value.		
	1859.	1860.	1861.	1859.	1860.	1861.
	Tons.	Tons.	Tons.	£	£	£
To Russia - -	64,998	66,425	66,652	33,788	40,061	41,878
" United States - -	219,678	288,077	172,306	89,733	119,933	78,766
" British North America -	76,931	76,992	82,437	31,655	34,528	35,524
" British East Indies -	83,331	116,763	176,037	16,218	72,238	102,327
" Other Countries -	170,666	108,478	205,439	82,528	91,342	111,173
Total -	565,644	696,725	702,871	253,922	358,163	370,168

RETURN of the Quantity of ROCK SALT and WHITE SALT sent down the River Weaver in each Year as under.

Year ended.				Rock Salt.	White Salt.
				Tons.	Tons.
March 31st	1845	-	-	91,487	451,843
"	1846	-	-	112,731	462,914
"	1847	-	-	99,192	467,853
"	1848	-	-	98,350	500,687
"	1849	-	-	107,708	638,742
"	1850	-	-	81,429	607,395
"	1851	-	-	81,803	487,720
"	1852	-	-	74,466	625,458
"	1853	-	-	68,326	596,533
"	1854	-	-	59,743	624,912
"	1855	-	-	60,455	568,478
"	1856	-	-	63,256	709,514
"	1857	-	-	62,678	818,671
"	1858	-	-	65,773	647,437
"	1859	-	-	69,528	675,412
"	1860	-	-	67,563	695,772

WORCESTERSHIRE DISTRICT.—Salt made in each of the last three years—
 160,000 tons.

LONDON :

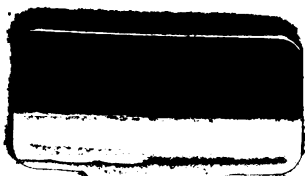
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